

# Storm Data

U.S. DEPARTMENT OF COMMERCE Environmental Science Services Administration Environmental Data Service

**JULY** 

1970

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No. 7

Asheville, N.C.

1970

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	CAL	PATH	Ę	NO. PERS		ESTIMA DAM/					CAL	PATH	Ę	NO. 0		ESTIMA DAM/		
PLACE	DATE TIME - LOCAL STANDARD	LENGTH OF (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF I	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM
Alabama .								,	Arkansas (continue	d)					ļ	j	)	
Athens, Limestone County	across city	damage Powe	and te	lepho	ne 14:	nes de	wan, ta	Wind thunderstorm moved ees and limbs	Dixie and Shearer- ville - Crittenden and St. Francis	11	3:15 p. to 4:00 p.							Funnel Aloft
•	blocked str blown down.		late gla	ss wi	ndows	broke	n and	a few chimneys	Counties	A "i	ope-like"	funne	l was s	Lghted	by a	at leas	st two	persons. Funnel
Clarke County	4 3:35 pm State Troop of Prove Hi	er obse	Narrow rved a t ighway l	ornad	o ton	2 ch down	0 m bri	Tornado afly 6 mile south		of i	northwes ain fell nity.	t of S and lo	hearery.	ille.	No c	damage lted i	was don the	xie to about a one. 4.50 inches Shell Lake
Bates Field, Mobile County	9 3:40 pm Golf ball s	ize hai	l fell t		0 y aro	3 wnd Ba	2 ites F.	Hail eld.	Carlisle - Lonoke County	23	Noon to 1:00 p.							Funnel Aloft
West Blocton, Bibb County	9 5:35 pm Funnel clou		ted by p	mblic	.			Funnel		a po	el cloud sition ov funnel c	er Car	lisle t	abou	t two	o mile	s nort	the north from
Dothan, Houston County	10 5:30- 5:45 pm			0	0	ь	3	Wind, hail, electrical	Wheatley - Monroe County	23	5:00 p.				- {			Funnel Aloft
	in diameter	danzsed i, 50% d	damage	to po	wer 1	ines a	end tar	g and hail over 1" ees. 50% damage hail negligible		driv This	er saw "t funnel a	ail" d nd the	rop dow	h with Carli	in a sle.	few f	eet of dered	to be of "tropical"
West Blocton, Bibb County	11 Lightning o		ire which	O h des	0 troye	կ dhou	0 se.	Electrical		nati Becl	re and to	be on	the re	note w	est	edge d	f rema	lns of hurricane
North Alabama	20 Afterno			0	0	de en	3 1 11 oh	Wind, electrical	Magazine - Logan County	27	10:00 a.	1ran = 7 3	nge tee	L41h		4 v 14 oH	tnin~	Lightning
	scattered of	iamage 1 overtur	n many l ned and	novi	ties.	Near en bl	Besson do	ming caused emer several mobile em. Lightning near Aliceville.	California		ws and 3 t of Magaz		igs wer	, KILL	eu D	, rigu	लामाह	on farm 3 miles
	In Lawrence	dounty	power 1	lines	were	blown	down.	50% of property rop damage due to	Concord 4 SW	Ci	3:45 p.m. tizen repo							
Baldwin County	21 2:45- 3:10 pm Three funns	i els repo	eted 15	to 20	mile	8 68.5	of M	Funnels obile.	Colorado	re	eived.							
Mobile County	22 1:10 pr Funnel sigh	n ited sou	th of B	rookle	ny Pie	ld.		Funnel	Arapahoe County	Repo	6:30PM rted abou	30 m	iles eas	t of l	Denv	er. D	Lasipa	Funnel cloud ded soon after
Alaska		None	repor	ted					Kiows County		Night s damaged	6 in en	*3 areas	bout	B mili	les so	կ itheas	Hail of Eads.
Arizona	1 1								Denver	11	3:30PM				1	2		Lightning
Tueson	6 4:30 p.			0	0	14	0	Wind		wher	e she was	walki	og in a	park :	in s	outhea	st Den	rtning struck near ver. Lightning ed local flooding
	Strong winds buildings.	unroof Trees w	ed a lar ere fell	ge lu ed an	mber d uti	compan lities	y and were	several other damaged.		ats	everal lo	estion	s in the	Den	er v	lcinit	y.	ľ
Fueson	19 9:30 p.	1		0	1	5		Wind and rain	Lincoln County	Touc	4:30PM hed down ain. Dam	briefl aged p	y 2½ mil ower lin	les no	rthea d fer	3 ast of nces.	Hugo.	Tornado Exact time not
	floomed stre	ets and rong wi	arroyos nds. A	but men w	most as in	of the jured	prope	ies. Heavy rains rty damage was ind ripped the	Otero County	lli Hail nort	6:00PM damaged hwest of	crops Le Jun	in an er	es fr	om al	2 bout 4	miles	Hail, wind, rain west to 6 miles ed light damage
Phoenix	19 7:30 p.			0	1	5	0	Wind, rain and lightning	Douglas County	from 22	Rocky Fo	d to	La Junta	•				Funnel clouds (3)
	in South Pho	ențix vh	ere loca	uly s	trong	winds	unro	t damage occurred fed homes and croofed by strong the store	Jefferson County	40 n 24	iles sout 1:25PM	h of D	enver.					Hail othills area about
	interior and struck a Sou	th Phoe	ndise.	Light	ning	disrup	ted ut	ilities and cy hospital treat-		20 п	iles sout	hwest	of Denve	r. I	o re	port o	dama	ge.
Paradise Valley	ment and rel			0	0	0		Tornado	Custer County	Spru brok 10 m	en off in iles sout	up to an ar west	es of th of Beula	e San h. Fr	Isa rom	bel Na two to	eter w tional five :	Wind ore uprooted or Forest, about million board feet
	toward the s	outhwes	d ground t but re	maine	pen d d vis	esert ible f	count; or on	y. Cloud moved y a few minutes.		patt	ern. Exa	e blow ct tim	m down.	No d	erin ce u	ncerta	nicati in.	on of circular
Seligman	21 1:40 p. Extremely he	avy rai	as cause	0 d flo	0 oding	ų of a	number	Rain and hail of homes.	El Paso County	Heav	5:00 - 6:00PM y rain, e	stimat	ed up to	thre	e in	5 ches 1	ո 45 ա	Heavy rain, hail inutes, caused
Arkansas	Hail up to c	ne inch	in diam	eter	punet	ured r	oofs a	nd broke windows.		flas Spri swep	n floodin ngs. A y t from a	g in toung m	ne east	rn an rowne all o	d no d wh f wa	rthess sn the ter.	ern p auto Street	ortions of Colorado he was driving was s, roads, bridges, il stone 3/4 inches
Southwest and Central Lee County	3 7:00 p					3		Hail and Wind	Lerimer County	and in d	ilameter f 3:00 -	perty ell in	one are	ensiv	еīй	damaga 3		il stone 3/4 inches Hail
	9:00 p Considerabl vicinities	e damag	Moro M	and M	arian	na. P	lants	were stripped		Seve	3:30PM re hail, s, garden	with s	tones u	to 1	in ty i	ches i	n diam Colli	eter, damaged
H I. Ct	of leaves a power to ab	nd bran out 170	ches. I	b ee†	amage	aroun	d Mari	anna interrupted	Lincoln County	27	7:45PM ted 15 ml	86 01	fort co.	Lins	rece	LVed S	ome ha:	il damage. Funnel cloud
Moro - Lee County	3 7:00 p to 8:00 p					·		Lightning	Denver	30	1:15PM						aport.	Funnel cloud of funnel north
	squall pass	ol badl	y burned our clas	sroom	r bei s, li	ng str brary	uck by and of	lightning during fice demolished	Page Committee	of I	enver.							
Cherry Hill - Polk County	by fire. 10 3:30 p	1/2	1/2 mile			4		Wind	Baca County	In 1	2:07PM arge thun it 40 mile	dersto s sout	rm. Too	ched	down No d	brief amage	ly wit	Tornado n blowing dust, ed.
<u> </u>	3:35 p One 12,000 damaged by	capacit strong	squall.	540	broil	ers lo	st.	two others Roars" heard Lamaged in area.										
See reference r				troue	Parid P	OMet T	trings (		96 -	1	1	ı	I	1 1	+	1	I	

			OCAL	PATH.	HT A		OF SONS	ESTIM DAM		CHARACTER			OCAL	PATH	ATH (		OF SONS		ATED†	CHARACTER
	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF (MILES)	WIDTH OF PATH (YARDS)	KILLED	NJURED	PROPERTY	CROPS	OF STORM
	Connecticut New Milford, Kent, Bridgewster, Roxbury, Litchfield Co.; New Fairfield, Sherman,	25	5-7 PM				0	5	0	Wind	Florida (continued Fernandina Beach Nassau County	09	afternoon	i		0	0	3	0	Tornadoes (4)
	Fairfield Co.	for whe	er lines. 24 hours. re downed	Some Most power	section intens lines s	s wer e act tarte	e wit ivity d sev	hout of occur eral :	lectri red in ires a	ees and downed city or phone New Milford, and wind ripped s factory.	Orlando and Vicinity	09 Hear	y thunder tornado,	short storms severa	narrow	0 of th	0 em se	3 were p 3/4" h	0 produce	Tornado and hail
	Delaware	SEE	DATA A1	END	OF TAE	LE		i'				for	ds gusts t med near t y light da	he Orl	ando are	a an	d mov			
1	Florida										Over Tampa Bay	09	, 6:30p			, ,				Funnel aloft
	Palatka Putnam County	02	3:25p							Funnel aloft	Apalachicola 15 M NW	10	12:15p			0	0	0	0	Tornado
	S. Biscayne Bay 7 E. Miami	03	8:25a							Waterspout			nado touch damage.	ed dow	n bried	ly in	an u	npopul	ated a	rea.
Ì	W. Elliott Key 13 E. Homestead	03	9:00a		'					Waterspouts ( 2 )	Winter Park	10	4:30p			1	0	0	0	Lightning
	N. Bell	03	3:00p	short	патгом	0	0	3	3	Tornado	Orange County		nt year ol							<b>h</b>
	Gilchrist County		pment buil s away. 2		ncked u			ried 10	o		Over St. Johns River 20 Mi E Orlando	10	5:20p	1						Funnel aloft
İ	Jacksonville	03	near 3:00p people in			0	4	0	0	Lightning	Orange County									
		and	4:00 p EDT d West of	. Peop	le were	pici	ing I	eans	n		Lake Placid Highland County		evening I injured	rhen 1	ichtnin	0 hit	l pick	0	0 nick	Lightning
	Near Apopka Orange County	03	evening			0	0	4	4	Damaging Winds	Vero Beach		e she was			0	2	0	0	114.54
		Dest foli	royed Vine age plants	Acres . Tota	Nurser 1 damag	y. F e \$12	art (	f los:	was		Indian River County									Lightning
	Kissimmee Osceola County	03	Night			0	0	4	0	Lightning .		Two	linemen w	ere in h they	were w	en 1 rkin	ightn g.	ing st	ruck e	lectric
			building c ge estimat			omp1e	x des	troye	١,	-	Tamiami Airport 8 SW Miami	11	2:24p							Funnel aloft
,	40 SE West Palm Bch	04	6:20a	!					i	Waterspout	Lake Okeechobee Glades County	11	5:00p			0 ′	0.	3	0	Tormadoes (2)
	Ormond Beach Volusia County	04 Life	2:15p guard fata	llv st	ruck. d	l ied o	O n Ju	0 v 10.	0	Lightning	10 NW Lk Okeechobee	Two	waterspou-	ts mov:	ing inla	nd f	con L	ake Ok	eechob	ee
	Chipley	04	4:30p		,	0	0	4	0	Lightning	100 P. 1	ser	ious damag	occu:	ed.	010	L C C C	DR 96	but no	
1	Washington County	Hous	e destroye	•	,000 da	mage.					WSW Pahokee 35 W Palm Beach	11	7:00p							Waterspout
	New Smyrna Beach Volusia County	04 Man	afterno		local h	0 osnit	1	0 d rele	0	Lightning	40 WNW Tampa Tampa	12 12	9:30a 12:43p							Waterspouts ( 13 )
	Key West	04	6:36p	-			-			Funnel aloft	Near Ellenton	12	1:45p	l mi	narrow	0	0	4	0	Funnel aloft Tornadoes (2)
	Near Yankeetown Levy County	05	afternoon			1	0	0	0	Lightning	30 S Татра	Two	tornadoes	touche	d down	****	.,			(1)
		Man	fatally s	truck	while c	ampin	g.					Elle	nton causi	ng sev	eral th	ousar	nd do	llars 1	worth	of
	Bunnell Flagler County	05	*	-	narrow	j	0	4	0	Tornado	Vicinity Key West	15	5:58a						5	Funnel aloft
		unio	plane des om equipm royed, \$2	ent da	maged,	one m	wea obile	tner a home	nd		S Daytona	17			narrow		0	2		Tornado
	Near Skyway Bridge 220/23 FM Tampa	06	11:15a							Waterspout			l tornado ding. Dama	ge \$15	0.00.	and o	estr	byed mo	etal 1	awn
	2 Mi NW Key Haven	06	afternoon							Waterspout	30 W Miami 7 NW Palm Beach	18 20	5:35p 11:10a							Funnel aloft (2) Funnel aloft
	Key West Ormond Beach	06	2:00p			0	1	0	0	Lightning	12 NW Key West	20	7:02p							Funnel aloft
	Volusia County		injured by	y ligh	tning.	Fair	condi	tion i	n		Port St. Joe 17 WNW Appalachicols	21	6:10a							Funnel aloft
	5 SW Tampa	06	6:44p							Waterspout	10 W Cocoa Brevard County	21	3:50p							Funnel aloft
	8 SW Marathon 32 ENE Key West	06	7:53p							Waterspout	Florida Panhamdle	22/	23			0	0	5	5	Tropical Storm
	Longboat Key	07	8:00a							Waterspout		Tro	pical Stor at 7:00a	m Beck on Jul	y moved y 22 ,	on s	hore ing	in the	vicir heav)	ity of Point St.
	Manatee County Vicinty Key West	07	9:00 to 10:00a							Funnel aloft (3)		inc	the Florid hes at Tal inch at A	a Panh lahass palach	andle. ee and icola w	Rain 9.88 ith	fall at C:	amount awford	ts rang dsville ounts	ity of Point St. rain and squalls ed from 8.18 , to only f 3.00 inches n, Franklin, 32 mph with
j	NW Tavernisr 27 SSW Homestead	08	7:15a							Waterspout		or Wak	greater ge	nerall Leon C	y confi ounties	ned t	o Lii	erty,	Gadsde ds of	n, Franklin, 32 mph with hest winds
	Green Cove Springs Clay County	09 One	1:45p boy kille	đ. two	injure	1 d whe	2	0 htnina	0	Lightning		gus wer sus fee	e reported tained win	at Ta ds of rmal.	noted 11shass 31 mph. Local	ee wi	th gu	sts to des ra	43 mp	hest winds h and rom 3 to 6 acuation of some Rosa Island
	Egmont Key 25 SSW Tampa	str.	ck a tree 9:45m	near	the cit	pie	j g	-n-ng		Waterspout		Wak	ulla Count	cn ). ies wi	th most	esti	mates	below	\$500,	d to Leon and 000. Damage houses which anacea
	5 W Hudson, Fla. Pasco County	09	11:40a		,			. ,		Waterspout		Tal All	akulla Cou lahassee a	nty ). rea, a nt are	Great Ithough a of Fr	est d seve ankli	amage re be n Cou	appea ach er	rs to	be in the was noted in the uries or deaths
	See reference	notes	at end	of ta	ble.					- 9	7 -		, _sported	, 611			,-	•		ı

		OCAL	PATH	. ATH		OF SONS		ATED†	CHARACTER			OCAL	PATH .	ATH (	NO. PER		ESTIM DAM	ATED <sup>†</sup>	CHARACTER
PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF I	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF F	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	OF STORM
Florida (continued	<u>)</u>			ļ	_			]		Georgia (continued	i)					 		1	
8 WNW Titusville Brevard County	22	1:22p				ı.			Funnel aloft	Gray, Jones County	22	1:00 p			0	2	h	0	Windstorn
W Lakeland	22	2:30p		<u> </u>					Funnel aloft		chil	dren in th	ne ove:	turned	trai	or w	ere on	ly sli	ly damaged. Two ghtly injured.
Polk County		7.00-			0	0	4	0	Tornado	Basmel County	22	3:00 p	1	300	1	1	i.	3	
Delray Beach 12 S Palm Beach	22 Wat	3:00p erspout mo	ved in	over [	1	1		1	5,000 damage.		5 m3	les south	of Was	ney in	norti	ern	Comme	Coun	ber houses damaged y. Two people Grops in the
2 S Panacea Wakulia County	23	1:23p							Waterspout		stoz	m path we	O IL	tened.					
Vicinity Panama City	24	10:30a							Funnel aloft	Jefferson County	22	4:15 p		? 	0	0	?	, ,	Tornado :
15 E Key West	26	10:45a							Waterspout		east	of Louis	1110 1	oving n	orthe	ast.	No re		of damage.
15 NNE Ft. Lauderdale		8:07a							Funnel aloft	Tignall, Wilkes County	22	pm		-1-4-3	0	2	3	0	Windstorm
8 WNW Key West W. Ft. Lauderdale	28	3:15p 10:06a							Naterspout Funnel aloft			oura nome			y clea	OLIB	ied our	TOWN C	compants escaped
12 N Cocoa	29	12:01p							Funnel aloft	Douglas	26	pm			0	1	3	0	Lightning
Brevard County										4	ար ա	ggs from a	COTTY	yor bel	t. 7	ре р	ultry	house	ning as he picked was damaged. A e same storm.
Georgia Southwest	3- <b>L</b> ı				0	0	l <sub>k</sub>	0	Wind and lightning	Whigham, Grady	28	4:15 p		-margori	3	3		0	Lightning
Southest	S	ral south	est Ge	orgia		nitia	WATE	hit b	v begyv thunder-	County									ightly injured
		dress seens	1 mt.am	minted	in Cai	iro e	del The	masvill	phone and electrical le as trees and	1	refu	Se trom s	thunde	raposar Karbeo	en u	ee w	KIST WI	len u	ey had taken
	Seva	ral head o	f live	stock t	mere l	cillo evisi	by 1	ightmi	erous transformers. ng. It was re- knocked out as rs on electrical	Atlanta	29	4:00 p		_	1	0	0	0	Lightning
	ligh wire	tning stru	ck m	erous	homes	and	t emst	n othe	rs on electrical	}	Airp	ort.	l		17790	by 2	lightm	ng at	the Atlanta ,
Coloritt + Worth County	þ	10:00 a			0	1	h	k	Wind and lightning	Hawaii Idaho	}	None re	porte	d.					
, , , , , , , , , , , , , , , , , , ,	A se Wort	were thund a County 1	erstor	m caus orth of	ed he	avy w an Pa	nd da	man w	ong the Colquitt- as knocked down	Montpelier Area, Franklin County	9	6:00 p 6:40 p.			0	0	2		Thundershower
	and flat	dased by I tened and ofed or bl	ightni numero	ng. S nus tre	evera.	re bl	own do	ma S	nd tobacco were everal barns were		Sto:	m accompa ontpelier	since	y light Septem	ing er 6	and t	eavles 5.	t rain	in 24-hour period
Oglethorpe County	4	pm.			0	0	L.	0	Wind and lightning	Rexburg, Madison County	11 Tre	Early a.m		 dation	0 and t	0 elept	2 one ex	 tensiv	Lightning ely damaged.
	À SO	vere thund	eretor	n cause	d wir	nd and	ligh	ning	amage in the out for as long	Richfield, Lincoln County	13				0	1	3		Lightning Lady and two calves
	as 8	hours in	some #	ress.	i chu	irch, hous	under was	const	ruotion, was		she	was bottl	e feed	ing thr	pugh	fence	Were	injure	d by lightning.
	bein days	g struck b	y ligh e hest	tning.	The vera	rain: wool	brou s of	cry we	ief from several ther.	Jefferson, Fremont and Clark Counties		Early a.m.		*25	0	0	3		Electrical storm
Wrightsville	9	pm.			0	0	h	0	Windstorm		Robe Ele	rts Area tric powe	north r tran	eastwar sformer	to and	Kilgo fuse	re and	eastw blown	ard to Ashton. . Hail stones re-
									County High		Ash		tse wa	s kille	1 by				meter fell in Ashton, Local
Worth County	n	<b>j</b> m.			0		h	h	Wind, hail and lightning	Sandpoint Area,	1	4:00 p.			0	0	2	4	Thundershower
	Sylv	ester. La	rge he	llaton	s daz	begon	trees	and a	and southwest of rubbery in rvice over a	Bonner County									r filling streets,
	larg	area. S	everel	pecen	trees	Wer	ninc	oted a	d power poles		hay								and ranchers with on Lake Pend
Martines, Richmond County	3.jt	4:30 р			0	0	14	0	Windstorm	Ada, Canyon Counties	16	Late			0	0	4	6 .	Hail, lightning,
	Å STO	iden winds rel campe:	torm o	vertur lors.	ned or	ne oc	beltqu	mobil	home and damaged	Northward			brok						wind e North Central wiped out many
Savannah, 22 miles south	15	pa.							Funnel aloud		\$50	s in Nez ,000. Lo	Perce calize	and Clar	k Co win	untie ds ar	s with d rain	damag left	e totaling about extensive damage
Severnsh	15	1:15 p			0	0	Į.		Windstorm		rad	o station	tower	was das	haged	to t	he ext	ent of	here a 205-ft. \$10,000-15,000. pus forest and
	Tree	s were up	ooted	and el	otri	and	teler	none s	ervices were 50 mph or more.		ran; dam	e fires ( ge to gra	at lea n fie	t 65) i lds, el	ere	set a	long w	ith ex	tensive lightning
		fell in				4.5	1103	reache	20 min or more.	Raubens-Malrosa-	tre	Afternoon	dings	<b>*</b> 5	0		3	5	Wind, hail, rain
Washington	16	3:00 p			0	0	3	0	Windstorm	Gifford Area, Nez Perce County								<u>.</u> .	
		and denol							porch was torn		dam	aged build	iings,	uproote	d tre	E8 81	d left	heavy	; and then rain damage to crops, as amounted to
Augusta	16	4130 р			0	0	4	0	Wind and lightning	m.s. m.s	100	per cent	for so		ers.				
	tree	vere thund and roof started t	damage	in pa	rts o				caused widespread ral house fires	Twin Falls to Burley, Twin Falls and Cassia Counties	18	8:00 p 8:30 p.			0	0	4	3	Wind
Bartow County	19	2:00 p	1	20	٥	2	h.	0	Tornado		lin	es, trees,							downed power al roofs Twin Fall
•	Smal	l storm di	pped d	own br	iofly	and a	demol1	shed a	building under	Shoshone and Hazelton		4:00 p							
	drop	ped on the	m afte	r the t	plls.	coll	apsed.	Como	ben the roof rete blocks were d. Storm noved	Area, Lincoln and Jerome Counties	20	5:00 p			0	0	3	2	Wind
Tashuan Tal	sout	beast.									Str	ng winds iler on hi	estima ghway	ted to and cau	0 mp	n up:	ooted outage	trees,	overturned
Jackson Lake	19 Fall	3:00 p	OBV SE	i heave	0	O ne to	house	O CAT	Windstorm and utility	Cassis and Minidoka	21	4:00 p 5:00 p.	. 17	*5	0		4	6	Hail
	line	s in the J	acksor tab	i Lake a	rea	er Bu	ts an	d Jesp	or Counties.	98 <b>-</b>	A de		hail.	tore -	ved	porti	e as two	rd wit	h greatest damage'

		OCAL	PATH	Ŧ		OF SONS		ATED†				CAL.	PATH	Ę	PER	OF	ESTIM. DAM		
PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF F	WIDTH OF PAT (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM
Idaho (continued)				l	<u> </u>		h			Indiana (continued	l)								
	Small	er areas	of ha	ll were	repo	rted	south Power	of Haz	d to near Rupert. elton, Jerome . Hail ranging	Advance, near	31 Fire	? , sparked	? by li:	? htning	0 desi	0 roye	4 i barn	3 hogs	Lightning seed and impl
	l to	2 inches consist	in di	corn.	damag beans	ed so whe	me 55, at. ha	000 to	60,000 acres of	Elkhart County	ment 31	5. Loss e 7:35p	stima:	ed at \$	20,00	2	4	3	Tinhana
	Barle:	beets. y and wh	FHA D	irector 5-100 p	esti ercen	mated t; su	degre gar be	e of deta, 3	amage as follows: . -5 tons per acre;	EIRHAFT COUNTY	Tele	phone empl		ell fro	п ро	e af	er li	htnin	Lightning, wing stroke. A war ightning s
٠.	Many	auto and	build	ing win	dowa	vere	broken	and d	5-30 percent. amage to roofs, s range 4-5 million		a ne	arby tree.	Num	rous fi	res 1	esul	ed fro	m ele	trical storms shop at Elkh
٠ .	dolla	rs after	a sur	vey by	the I	daho	Govern	or and	staff.		Dama	ging winds	down	d trees	. and	power	line	•	
viston and Cotton- od, Nez Perce and		:30 p :30 p.			0	0	3	4	Thunderstorms	Waterloo	Weat	her Bureau	Obset		orte			nders	Blectrical, wo form: Loud ro town strewn
sho Counties									as Cottonwood to age was principal-			oted trees						, 151	
	ly to	crops,	trees,	garden	, an	d ove	rhead	utilit	y services. Hail d resulted local-	Iowa Floyd & Chickasaw		7:00 p					5	5	Windstorm
thdrum-Coeur d'Alene	ly in	brief f								Counties Dickinson County	2,0		re a	res d	amag	ed, i	35% d	mage	by hail.
ea, Kootenai County		•						el gr	maries and moved	Dickinson County	Mod	7:40 p lerate da ittered d	image	at We	st O	kobo Low	ji and	Spi:	Windstorm
	then Eight	one-half Milwauk	mile ie rai	or more lroad c	upr ars c	ooted ontai	trees	and d	amaged buildings, were overturned	Rock Rapids,		12:10 a			]		4	4	Windstorm
bion Area, Cassis		they str	ļ .		1	l i		,	 	Lyon County	_	2.20							
unty	7	:00 p ::00 p. :floodin	 R White	oed thr	Ough	i l	3 field	8 254	Heavy rain put parts of	Clinton, Clinton County	2	2:30 p				2	4		Windstorm
. 1	flood	n under ed leavi	WALET	for sev	eral	hours	. Ros	ds. be	put parts of sements were me grain was badly	Charles City, Floyd County	2 A1s	7:00 p o hail,	30%	oss.			4	4	Windstorm
	flatt	ened.			"				g	SE Iowa	3	12:05 a				3	6		Windstorm
Illinois			NOT	RECEIV	EΟ						Cre	ston (Un	ion (	to.) si	hort.	ly at	ter :	hidni	southward ht. In De
Indiana Porte County	2	E.S.T. 5:50p -	?	?	0	0	5	3	Wind, lightning		Sca	ines loss ittered a	reas	with :	losse	es ei	stwa	d acr	75 mph. :oss State.  amage at c
	Trees	6:15p and uti	lity 1	nes da	naged	thro	ughout	count	y. Eastern part shed two planes	4	ing	areas r ages wer	ear :	olon ensiv	Johi	ison ilso	Co.).	At te rei	Durant (2:
	and da	amaged h	ngars	Some	home	в dam	aged b	y ligh	tning and falling merchandise scat-		Fai	nnell, V rfield,	lowa Iowa	gton, City,	Keol Ceda	tuk, er Ra	Musca pids	atine.	Burlingto Davenport,
	tered Tents	in stree	et. T nival	vo-ton i	ell latte	olown ned.	from Trail	top of er cou	fire station. rt along SR 212	NE Des Moines,		rm moved 12:27 a	acr	ss eas	steri	CO	inties	aroı	nd 3:00 a.
	utilii	ty poles	and 1	nes oc	durre	a. s	ome fi	res r <b>e</b>	amage to trees, sulted from light-	Polk County	3	12:21 a	-						Funnel
fayette	]	Dama'ge 7:00p		Narrow		mate	dat Ş	0,000	Wind, lightning	NW of Newton, Jasper County	3	12:33 a							Funnels (
Ippecanoe County)	1					shed	two h	7	railers in east	Montezuma, Powe- shiek County	3	1:00 a	2	150			4		Tornado
	ing	Dry cle							ncrete block build- tning in west part	Jesup, Buchanan	3	2:30 a		.			4		Lightning
di ana	of di	ty. Late p.m	,	,	0	2	5	4	Lightning, wind,	County Chickasaw County	13	6:00 p		. 			4	4	
******		-			,				hail d over the state.	East Marshall	13	7:00 p					4	4	Windstorm Windstorm
	Two in	njuries : derson a	report nd a w	ed. A s	an w	as ho ated	spital for he	ized f ad and	or electrical shock arm injuries after	County		t of dam	age n		11on	and	Le G	rand.	
	damage	e to tree	es and	utilit	lin	es re	ported	in Po	rown Point. Wind rter, Starke,	Cherokee County	14	4:00 p	10	1500			4	5	Hailstorm
	the st	tate. I	n cent	ral Ind	lana,	a 11	ghtnin	g caus	northern part of ed fire resulted in	. NW to SE Iowa	14 The	4:00 р zone ex	tende	d the	2 widt	19 h fr	7 om Si	oux &	Windstorm Monona Cou the eastern
	tree a	and util:	ty da	nage. I	In ea:	stern	India	na, ha	Franklin reported il larger then downed trees and		Cou	nties of 11 losse	Scot s in	t to L zone t	ee. wo o	Als r th	o sca ree c	ttere ounti	d but mostl es wide eit
	utilit	ty lines	over	much of	Wayn					·	in	e of maj Sac Coun	or st ty an	orm zo d near	ne. ly e	\$5 very	milli home	on co in S	rn crop dam ac City dam
nchester Indolph County)		3:30a destroye	? dhu f	? ire when	0	U Lok h	4 v 11ah	. 3 tnine.	Lightning, hail, wind Some crops damag-		Win	ds 70 to	100	mph,	Two	pers	ons k	illed	east 65 yea and seven storm. 140
	ed by	wind an	hail	wiles			, rigu	8.	Some crops damag-		acr win	es in Pl d and ha	ymout il da	h Coun mage.	ty e 10%	stim hai	ated 1 los	to ha ses i	ve 50% to 1 n southern
rre Haute, 8 mi. N.		7:40a reporte	d funn	els.					Funnels (2)		Ham Win	ilton Co ds at Ch	unty eroke	estima e repo	ted rted	in e 60	xcess	of \$ Roof	1 million. s off house
schdale, near	3 1	8:20a							Funnel		Cou	nty. 50	mph.	winds	rec	orde	ed to d nea	aUπa rAsnel	ph. in Webs s.
Albany		report	d by	tate Po	lice				Funnel	Kingsley, Ply- mouth County	14	4:02 p	1	100			4.	4	Tornado
hmond, Washington, mour, Terre Haute,		Afternoor or even-	?	?	0	0	4	3	Hail, wind	Hornick, Woodbury	14	4:30 p		300			5	4	Tornado
nkfort	Dime s	ing size hai	near	Richmor	d, 1	ght.	ail s	outh o	Washington, some	County	Two	funnels onic in	Monon	a Coun	est ty.	Mov Mov	aplet ed SE	on.	Ended SE of
	fort a	iamage fi ind Terre	Haute	ı arour	a Se	mour	, and t	rind d	amage near Frank-	Radcliffe, Hardin County	14	6:30 p	3	250			4	4	Tornado
ncer	8 3	3:30p							Funnel	Des Moines, Polk	14	6:50 p							Funne1
omington		:45p eported	? damage	? ed by wi	0 nd.	o	?	0	Wind .	County Worth	10	1.30					٠. ا		
hmond, 20 mi. N.	- 1	:40a					,		Funnel	Manly, Worth County	18	1:30 a	. 1				4		Lightning.
t Wayne .		1115p	A 5 ·	agek	B				Funne1	South English, Keokuk County	18	6:00 a				1	3	.	Lightning
hmond, 40 mi. N.	- 1	reporte	u by v	eather	ourea	iu Ub	erver.		Funnel	Sioux City,	18	7:30 p		`					Funne1
ensburg	27	2	?	?	0	0	?	?	Lightning, wind	Woodbury County									
									struck by light-		1								

٠.		OCAL	РАТН	HT4		OF SONS		ATED†	CHARACTER			OCAL	РАТН	ATH	NO. PERS		ESTIMA DAM		CHARACTER
PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	OF STORM
Iowa (continued) Hamburg, Fremont County	18	11:00 p	_				4		Windstorm	Kentucky (continu	ed)	Night			0	0	4	0	Lightning, wind
Lake City, Calhoun County	26	3:00 a	,				4		Lightning		Masc	s apparent n County ed by win	and a	barn in	Mont	gomer	rikes y Coun	destro ty. S	yed a barn in ome trees were
Roland, Story County	26	11:30 p					4		Lightning	State	3				0	3	?	?	Wind, lightning
NW of Ackley, Franklin County	26	11:30 p					4		Lightning		stor	ms, a num most num	ber he erous	avy, th in the	at we easte	re ob rn tw	served o-thir	State ds. N	merous thunder- wide. The storms ews reports re- orning and early
Earlham, Madison County	27	1:30 a					4		Lightning		afte	rnoon hou a portio	rs. A n of a	: 1;30 librar	p.m., y buí	in H lding	azard wall	in Per under	ry County, wind construction onto emolishing it.
Kalona, Washing- ton County	29	3:00 a		-			4		Lightning		Fire	s apparen	tly du	e to li	thtni in th	ng st e wid	rikes elv sc	heavil attere	y damaged or d counties of rlan. There were
Cedar, Muscatine, Scott & Clinton Counties	31 Win	5:30 p nds 60 mj ee and 1:	h. ?	Traile:	r hoi	ne de	5 estro	yed a	Windstorm nd considerable		loca uti	r fires p tions ove itv lines	robabl r the at so	y set b State. attered	High loca	htnin wind tions	g at a s dama over	numbe ged tr most o	r of scattered ees, houses, and f the State.
2SW Dubuque, Dubuque County	31			200			4		Tornado		mode	rate in u	ost ca	e downe	ne of	the	heavie of tr	r wind	relatively minor to storms at 12:15 p. d to have caused
Keokuk, Lee County	31	7:25 p					5.	4	Windstorm	Hancock County	in 1	ge to sev elson Cou 7:45 p.	eral unty).	pbile h	iomes;	to s	everal	house	s (near Bloomfield Funnel cloud aloft
Kansas			,								Fun	-	report	ed betw	ween H	awesv	ille s erifie	nd Lew	isport moving
Stanton County	2 Small	5:55- 6:05 p.	novel.	20	0	0	O ched o	0	Tornado iefly about	State	8				0	0	4	0	Lightning, wind
North Central, West	3½ n 10-	i. southw night of	est of	Johnso	0	0	4	0	Lightning, wind		tre	thé Stat were kil	led by	McCrac lightr	ken C	ounty In O	7 cat wen Co	tle st untv.	scattered location anding under a wind heavily damag-
,	11 Ligh	10⊷11 tning dam	age oc	curred	north	west	of Qui	nter a	nd at Leoti.		uti seve	ity lines ral trans	former	htning s. In	struc Harri	k sev son C	eral l	bcatio	wned trees and ns, including pparently set by
	14	damage w Before 2:00 p.	rep	?	0 0	0 0	0	3	Hail	Hardin County		tning str 7:30 p.	ike de	stroyed	la ba	rn. 1	0	0	Lightning
	of C	up to 1 oodland.	/4 in	ch diam					southeast		ins	de a tent	in a	bivouac	area	on t	he sou	th sid	tning as he stood e of the Fort Knox f the tent who were
Summer County	16 Dame	8:45- 9:30 p.	d in	rumal a	0	0	li and no	Į1	Wind, hail t of Wellington.		sea	ed on woo	den bu was i	nks whe njured	n the	bolt ghtni	struc ng on	k, wer the ev	e not hurt. An- ening of the 15th
Southwest portion	Hail 16-	up to 1	nch d	ameter	west 0	of W	elling 4	ton.	Wind	Hardin County	15				0	1	3	0	Lightning, wind
	17	16; nigh of 16-17			L						ligi	lizabetht tning str	own wa ike da	s knock maged t	ed do he TV	wn by ante	light	ning a	ment of a residence t 8:45 p.m. The TV set, garbage
l l	18	ge occurr			0	0	և	0	Lightning		dis	royed a s	the b	ack gut	ter d damag	ownsp ed a	out. TV ant	In Rad enna,	cliff high winds and wood fence.
	18-	night of	1	of Le	onard O	ville 0	and s	uth c	Wind, lightning	Warren County	15 A ba	9:00 p.	appa	rently	0 set a	0 fire	4 by a 1	0 ightni	Lightning ng strike.
	Stro	18-19 ng winds :	noved	through	nort	h cen lines	tral a	and nor	theast Kansas	Harrison County	15 Pin	- nnamont	1	bu 1 in	0	0	4	0	Lightning ge barn and equip-
	exce	unication	lines ph at	and m	iscel La ab	laneo	ds oth	ner dem	age. Wind gusts ightning destroyed	Blue Grass	ment	Night	ly sec	Dy 118	0	g des	royed 5	?	Lightning, wind,
Kingman County	27 Dam	evening	aviest	t at Cle	0 velar	0 nd and	li d near	0 Calis	Wind		A ba	rn burned	in Me	rcer Co	unty,	appa	rently	set a	and hail fire by a lightning
Sheridan, Thomas Counties	28	evening			0	0	4	4	Wind, hail		Cou	sformer, ty high w	interr inds d	upting amaged	ervi chimn	ce to	2500 IV ant	homes. ennas,	stroyed a \$75,000 In Montgomery utility lines, and rts of Bath County.
	Rex	ord. Ha			repor	rted !			utheast of heast of Rexford.	Northwest	15	s, nam	-amage	LODAC	0	0	4		Lightning, wind
Edwards, Pawnee, McPherson Counties									Wind, hail ferle. Hail		bur	ed a home	At	\$ p.m.	wind .	downe	d tree	s and	by lightning utility lines in wind destroyed a
	fun	nel aloft			10 m	iles :	northw	est of	d at Inman. A Kinsley at 2:45 p.	Jessamine County	mob	1e home. 7:40 p.			0	0	?	?	Wind, lightning
Northeast one-fourth		aftn., eve ong winds	caused	d damage	0 e in 1	l porti	uns of	Cloud	Wind, hail Dickinson,		in t	he Troy E	ke ar	ea west	of N	ichol	asvill	ers in	the same vicinity ned a number of
	Dou Clo	las, and ud and Sha	Shawne wnee (	ee Count Counties	tes.	Hai:	1 was t ston	report es wer	ed locally in e l'g inches d by wind at		for down	s across several h ed numero	a 3/4- ours; us TV	mile le damaged antenna	ngth I toba Is and	of hi cco c util	ghway, rops c ity li	closi n abou nes in	ng it to traffic t a dozen farms; the County.
Kentucky		rence. Sg						OF T			Ligi in l	tning kil comes; bur	led a	calf ar	dac altr	ew, b ansfo	urned rmers.	out se	veral appliances
Carter County	2 Alt	5:00 p.	ł	as very	0 dark	0 a wi	3 tness	0 though	Waterspout t he saw a funnel hill and then	01dham County									Wind ciated with thunder
	tou	ch down fo face of G	rasi ayson	hort di: Reservo	stance	e of A bo	severa at doc	l hund k was	red feet on the cut in two, as		vic	nity of (	ystal on Cr	Lake,	LaGra ake,	nge, resul	Kentuc ting i	ky. 4 n dama	amage in the to 5-foot waves ge to docks and
	tho dra The	ugh it had gged toge re was no	been her w thunds	sawed in ith concerning	in ha crete ightn	le, a weig ing b	ndal hting utaw	ength for se atersp	of boat dock was veral hundred feet. out appeared as the	Western Half	blo	n down. Night	sningl	es were	blow 0	off 0	roofs	and s	ome tree limbs were Lightning, rain, hail
1	app	arent funi	nel to	uched do	own of	n the	lake. he lak	e It 1	ifted as it left e wake of the water-		1		1						

		د	r		NO.	OF	ESTIM	ATED†				٠	I		NO.	OF	ESTIM	ATED†	
		OCA.	PATH	T T	PER		DAM		CHARACTER			OCA	РАТН	ATH (	PER		DAW	AGE	CHARACTER
PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF F	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	OF STORM
Kentucky (continu	Cour	ty, which	force	a some i	resid	ents a	long	the ba	ortonville, Hopkins nks to leave their	Maine Central and southwest	12	P.M.			0	0	3	3	Hail, wind, lightning
	some		age to	a chur	ch ro				in Hart County, d trees, and some			Scattered localitie near Port damage.	thunds. H	lerstord ail to j Local	s, w /4th light	ith h inch ning	ail in diame and w	some ter ind	
Lincoln County		1:00 p. apparent			0 htnin	0 g exte	4 nsive	0 lydam	Lightning aged a portion of	Limestone	18	1:30 P.M.			0	0	4	4	Wind, hail, possible tornado
Mason County	27	P.M.			0	0	4	0	Lightning			Hail most la inches extensive destroyed	and h	igh wir s of po	d dan tato	aged s an	or de d peas	stroye and	
Louisiana		rnoon lig h destroy						e resp	onsible for fires			to northe aged, mov in narrow	ast. ed fro er pat	Many bu m found h about	ildir atior 175	gs d s, d yard	emolis eroofe s wide	hed or d, etc sugg	dam- estive
Louisiana Orleans, Jefferson Livingston,	4	3:00- 4:00p.			5	?	. 6	0	Winds, lightning,			of a torr Truck in causing s	gear t	lown 50	ft.	Uti:	Lity p	oles f	on found. elled,
Tangipahoa, and St. Tammany Parishes	Ponci	y cluster hartrain n	orth c	f New O	rlear	s. St	rong	winds	rain i near Lake blew across the in boats and on	Near Bangor	29	P.M. Lightning set on fi		e inclu	0 ded 1	0 .oss (	4 of two	0 homes	Lightning
	(3:12 New (	hes for ho 2p.). Moi Ogleens gu	liday. sant A sts 60	Gusts irport knots	at.L gusts (3:10)	akefro 43 km p.).	nt Ai nots ( NAS,	rport 3:07p Calle:	reached 75 knots ). WEFO, downtown der Field gusts	Maryland	2	Early			0	0	4		Lightning, wind
	Armu Ponte	nots (3:42 mber of bo phartrain.	p.). ats we Four	Little re over person	or no turne s, in	rain d or s cludin	accon wampe ng a f	panied d in lather	the strong winds. igh waves on Lake and his two ut the city.	including Baltimore (City)	Ligh	morning tning stru			ive :	arm	ouildi	ngs an	d eight houses.
	Nine Twint also	aircraft beech blow swept por	damage n thro tions	d at La ugh fen of nort	kefro ce. h sho	nt Air Seven	port, total	inclu loss andevi	ding DC-3 and Strong winds lle, capsizing		Cour		oss w	s an es	timat	ed \$	β5,000	Win	Woodbine, Carroll d damage included
	and d	al boats emolished	and do barn smages	wning to south of in Ham	rees. f Deni	Stro ham Sp A Ne	ng wi rings w Orl	nds ov • Str eans r	erturned trailer ong winds also an. 43. was struck	Washington and Frederick Counties	2 Thum	1:00 p 4:00 p.			0	0 .	4		Wind, hail
Southwest and South Central	4	3:00- 4:00p.	<b>6</b> 1171	TING 10	voods 0	0	4	okiaw. ?	Winds, rain, hail		ers auto Fred	were overt mobile wer erick Coun	urned e crus	and dam hed whe ind lev	aged n lar eled	near ge ti a ma	Booms rees c chine	boro. rashed shed a	lines. Two trail- A trailer and an down upon them in id a smaller build-
Parishes	Camer	rains an on Parish red at Ca	60 mp meron.	h winds Rain	were	estin ind bu	ated ffett	at Bie ed Laf	ed areas. In Lake, and hail ayette area.		ing home	near Middl	etown. zed ha	Power	serv	ice i	was in	terruoi	ed to about 2,000 coro cooperative
	Paris	al cars r	eporte er lin	d blown ss down	off t	ebsor	in La	favett	e and St. Martin Carencro, Youngs-	Northcentral portion from Washington Count eastward and includ-	1	AM - AM			0	3	5•		Rain, lightning, hail
St. Tammany Parish	8 State trees	1:00p. Police re near Cov	porte	a small	0 torns	0 Mo de	3 stroy	0 ed bar	Tornado n and blew down	ing Washington, D. C.	many thei	street, r r banks. erative we	oads a The 4 ather	nd low- 28 inch station	lying es re was	are. corde	is, M ed on a	ny str he 10	flooding to reams overflowed th by the Frederick day July rainfall
St. Landry Parish	9 Girl, cotto on le	n in 11efe	k dir	ectly an	l nd kil Mor	lled b	0 y lig Fathe	0 htning r suff	Lightning while hoeing ered brush burns		on r This tota 4.23 Wate	ecord; the was the h Is include inches at c, which f	total eavies d 5.10 Westm looded	for the since inches inster.	Sept Sept at t Flo	ire e ember he U oded of a	1966 S. Sol basem cloth	eriod Oth diers nts w	was 6.28 inches. Theavy one-day Home, D. C. and The quite common. The guite common.
St. Charles Parish	18 Algi	Afternoon	19, k		l hen 1	0 ightni	0 Ings	0 ruck :	Lightning		trea hard dama	ted at a h ware compa zed by fla	ospita ny was sh flo	l and r estima oding.	eleas ed a Floo	ed. t \$20 dine	Water 0,000	damage Brid Washi	ree employees were to an industrial ges and roads were ngton metropolitan
Cameron Parish	24	12:43- 1:00P			0	0	0	0	Tornado		area 9th; of m scat	caused tr slippery inor accid ered repo	affic roads ents a rts of	tie=ups and he nd thre lightn	duri avy r fat ing d	ng th ain w al ac amage	e afte as bla cident	rnoon med fo s. Th	and evening of the r a large number ere were also arble size was
	Swee	nwest. Al t Lake and	so sig from	hted fr Big Lak	ona 8 :	miles o dama	Bout	of H	dimwood, from	Howard County	repo	rted at Ma minor cro 11:00 p.	nchest	er, Car	coll	Count	y; no	damage	was indicated. Lightning
Jefferson Lake Pontchartrain	8	6:00a. 10:45a.	PORTEI	Off Gr	and I	sle	Not	ant. T	nternational		Fire	, attribut es and muc	ed to	lightni he equi	ng, d pment	estr wer	oyed the	ne Turi	Valley stables;
Lake Pontchartrain Lake Pontchartrain	12 13	4:00p. 2:43p.	(2)	Airpor 20 mil 2 mile	t es we nort	st-nort	thwes	t of 1	foisant.	Bel Air(near), Harford County		During night	ofl	e-bred	0	0	3 re kil		Lightning  a lightning strike
Lake Pontchartrain Lake Borgne	29	6:45p. 10:20- 10:30a.		18 mil	es no	rth-no	rthwe	Bt of	Moisant Moisant	Washington and Frederick Counties	1	7:30 p 9:30 p.	Yu		0	0	4		Wind, rain
St. Martin	8	8:00a.	REPORT	14 mil	es so	theas					rain stre	. Flash f ams. Near	loodin Fairp	g occur lay, wi	red ‡	n son lew	ne Low Iown a'	-lying carni	g winds and heavy areas and along al ferris wheel
St. Martin St. Martin St. Bernard	8 1	8:15a. 9:27a. 10:30- 10:34a.		40 mil 50 mil 15 mil	ев вол	ıtheas	t of	Isfaye		Eastern portion	evac	carnival t uated. Evening	ents;	no one	748 1 0	njur 0	ed as		a had just been Wind, rain
Jefferson Lafourobe Lafourobe	12 13 13	4:00p. 6:45a. 6:48a.		3 miles 6 miles 12 miles	s sout	thwest thwest	of E	ouma.			Thun	derstorms tered area	s. Tr	ees and	ids a	nd he	avy r	iin bro were do	ught damage to wned. In Baltimore At Rock Hall a
Calcasieu	24 24	2:15p. 2:10p. 4:00p. 7:00p.		10 miles Sulphur Over New Tota	1	- 1	thwes	t of 1	foisant	Wenner W. W.	roof in t	of a summe ne Rockvil	er hom	e was n	lpped	off.	Flas	h floo	ding was reported
Calcasion Calcasion	26 1 27 1	11:05a. 10:00a. 3:47p.		Westlake 5 miles 23 miles	east	of WE	O, La afaye	ke Chi tte.	rles	Hagerstown-Middletown area	Heav	8:30 p 10:30 p. lest damag	e duri	ng the	0 :hund	0 ersto	rms w	is a ro	Wind, lightning of blown off a
See wellowers with			+051		-					1	a me ligh	als compa	ny in ven he	Hagersto ad of c	wn.	At 1	east kill	wo fi	es were blamed on Middletown by
See reference note	es at	ena of	table	٠.							'	1	1	. 1	1	ı	l	1	4

	-1	.,	Ţ	· · · ·	NO	OF	ESTIM	ATENT				,	_		NO.	ne l	ESTIMA	TED!	
		оси	PAT	¥_		SONS	DAM		G.110.0750			OCAI	РАТН	ATH -	PERS		DAM		511.01.0750
PLACE	ш	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	æ	INJURED	PROPERTY	S.	CHARACTER OF STORM	PLACE	ш	TIME - LOCAL STANDARD	LENGTH OF (MILES)	WIDTH OF PATH (YARDS)	8	NJURED	PROPERTY	2	CHARACTER OF STORM
	DATE	ST/	LE LE	ě	KILLED	3	P.R	CROPS			DATE	STA	Ë	.G!A	KILLED		8	CROPS	
Maryland (continued	' 1		(	Ì						Michigan (continue	l)					1			1
Southern Harford County	29	3:00 p 5:00 p.			0	0	4	0	Rain	Southern Michigan	2	AM-PM			0	0	5	•	Thunderstorms- Lightning
	Hea	vy rain, a	as much	as 4.3	5 in	ches	betwee	3:25	p. and 4:10 p. at										higan, toppling
	the	period of	f heavy	rainfa	411 a	nd po	or vis	bilit	the area. During		Are	as harde	st h	t by 1	osse	s in	clude	ı Hyd	ed flooding. es Orchards near
	dem	olished wi young man	en sti	ruck by	a di and t	esel wo ot	engine ners w	at an ere in	unmarked crossing; jured.		Fer Col	ton, \$30 dwater;	,000 2 bas	fire t	o wa ned	reho near	use; Hill	13 st sdale	eers killed near ; 24 Holstien
Clinton, Prince	29	5:40 p.							Funnel cloud			s killed							
Georges County	Off-	duty Weatl	er Bu	reau for	ecas	ter r	sporte	la fu	mel cloud which	Kalamazoo, 23 SW Van Buren County	3	6:10 PM			1	1	0	0	Lightning
		ed five m	inutes	and the		sappe		ļ		van Buren councy									inor burns while
Croom-Naylor area, Prince Georges County	29	5:00 p 6:00 p.			0	0	5*	С	Wind, hail, rain			ering a							The boat was at stof Lawrence.
	Thun	derstorms	with (	devastat	ing	vinds	cut a	five-	mile swath through	Southeast Lower	3	PM			0	0	5	3	Thunderstorms-
	Seve	nteen toba	deco ba	drns wer	re bl	own di	es nwo	well	les per hour. as scores of trees.	Michigan	Sea	ies of t	hunde	rstor	AB Ca	used	scat	tered	Hail fires and wind
	rain	and some	pea-s:	ized hai	11 ac	compa	hied t	he sto	west. Very heavy rm. Crop damage		dat	age. St	all 1	ail da	mage	d co	rn ne	ar Ca	ro; wind caused le wind losses
									me owners reported windows and doors.		est	imated a	t \$2	0,000	occu	rred	at	etro	t's Metropolitar
Massachusetts											bu:	ldings a	nd s	me air	n na craf	t be	na gu tweer	8:50	inds damaged -9:40 PM.
Eastern	n				0	0	4 .	2	Lightning, wind, hail, possible	Western Upper	7	6-8 PM			0	0	?	0	Hail - Wind
		Scattered 2:15 A.M.	thund	erstor	ns. :	dight:	ning, al	out	tornado	Michigan	Th:	ndersto	ms a	d quai	v w	nds	moved	east	ward, toppling
		Middlebor	do. A	home wa	s ba	lly da	maged	by			tre	es and o	ausi	g loca	lize	d he	avy z		
		a lightni At 4:45 H long and	ng fir .Μ., ε	e in No west t	brwood to ea	in t	he eve h 0.1	ning. mile	1				ston	B Mere	]				
		uprooting	and b	reaking	d tre	ds and	lflio	ding		Evart, Osceola County		3:10 AM			0	0	5	0	Lightning
		a doghous estimated	e (wit	ahdog) Oʻmphw	into was a	the a	ir; w nied h	nd y		. '									osa \$100,000. n Muskegan
·		roar like fell; lig	ght obj	ects su	ch a	a be	ach ba	n											d Michigan area.
		near path was seen,	a tor	nado vo	rtex	may h	ave be	en		Gladwin,	11	4-5 PM			0	0	4	0	Lightning -
		present. falling t	rees a	and limb	в са	5:30 used p	P.M.,	ut-		Gladwin County									Wind 2x52 foot traile
043	2/	ages and	cruane	nd an au	1							Beaverto aged far						et fi	re heavily
Central	16	Scattered path thro	light	ning an	ng wir	nd dam	age ir	a wie	Lightning, wind	Midland, 9 W	12	PM			٥	0	0	6	Heavy Rain -
		and into in Wilbra	wester	th Worce	ster	Count	g. A	barn	1 1	Midland County			204	n 11 - 6					Hail and Mt Haley
}		A falling theatre s	limb	crushed	la ca	r in	Warren	ı. A	1 1		to	mships.	Hea	y rain	dur	ing	perio	d of	July 2-12 caused
		trees and Scattered	limbs	caused	ut13	ity f	ailure	s.				nty los							crop. Tuscola
,		late fore	noon i	easte	n Ma	ssach	usetts			Southern-Southeas	14	PM			0	0	5	0	Wind -
Central	26	P.M.			1	9	5	2	Lightning, rain, Wind, hail	Michigan	Se	ries of	thund	erstor	as m	poved	east	ward o	Lightning causing scattered
,		Lightnin jured tw	kill ther	ed one	at Gr	eenfi eomin	eld an	d in- one in	1		Ca	ss City;	wind	toppl	ed ti	rees	on po	wer :	ot varn near lines, cars and
		Ayer, an	d one htning	in Chel	nsfor	Cons	ich da iderab	nage Le			ho	mes caus	ing e	xtens i	ve d	amag	a at i	Albio	n. Wind damage re several small
	,	flooding Flooding	damag	e espec	dally	heav	in I	eo-		•	bu	ildings	vere	destro	yed.				
,		minster, and stre	ets cl	osed by	up t	d fou	r feet	of wa	ter.	Alpena, 10 S Alpena County	15	12:30 PM			0	0	4	0	Wind
]		and Holy	cke.	mere in Wind bl	ew ou	d Che	lmsfor re win	vi, Cor vions i	cord,	nipona county	Se	vere thu	nders	torm a	Ose	sine	ke, M	ckil	on Hill-road
		Holyoke with uti	and fe Lity o	lled tr utages	resul	nd li ding.	nds in	many	areas,		ar wa	ea destr y and ga	oyed rage	a \$4,0 from o	00 m ne h	obile ome	nd de	moli	e the breeze hed a barn.
Northeastern	30	P.M.			0	0	4	0	Lightning, rain, wind	Harrisville, 3 SW		2:23 PM			0	0	4	7	Wind
		Heaviest Lowell 1	ine ea	stward.	.   Mar	d lie	htnine	d set 1	ires	Alcona County	La	rge hail h damage	foll d one	house	7 gu	ty v	vinds,	est	mated at 80-100 mes and 2 cemen
		Local fl	eading .ooding	North in Wak	refiel	iing, ld and	and St	bnehar Read	area.		si	los. Da	nage	vas co	nfine	đ t	east	ern J	lcona county.
Michigan .	J	Trees an	or Timp	s blown	onto	util	ity li	nes.		Adrian, 10 NE		PM		4	0	0	4	0	Lightning
Holland, 13 S	2	7:30-8			0	0	0	5	High Winds	Lenawee County									ear Britton. d 10 calves.
Allegan County		AM						l		Southwest Lower	19	3-6 PM		'	0	0	4	0	Heavy Rain -
	th	cough so	thwe	st Mic	higa	ա <b>ի</b> . 1	Heavy	dama	0-60 mph moved ge to fruit trees	Michigan	He	avv rain	ove	r 5 in	ches	in ,	tome a	TARR	Lightning caused flooding
	da	ncentrat mage, 2	ed in miles	south long	ern	Gang 1 mi	es to le wi	wnshi de in	p. Path of west-east		ro	ad wash	uts	t twe	ve 1	ocat	ions	and d	collasped the
	di:	rection,	incl	ded m	any	olde.	tre	es pa	rtially rotted . Wind bruised			rn in Ba				.ب	-gacn;	ny at	octoled oue
		st of fr								Southern Lower	28				1	1	5	?	Thunderstorms-
Kalamazoo, 25 W	2	7 PM			0	0	0	3	Hail	Michigan	He	avy rain	caus	ed loc	al f	lood	ing a	3 7.64	Lightning inches fell at
Van Buren County									d 50 mph winds		Pa	w Paw.	Wind	noved	a ho	ıse ·	traile	er 21,	2 feet off its
	at	Bangor.	Min	or dam	nage	-	rted.				in	juried b	y lig	htning	at	3:44	PM i	Bati	le Creek while erman was killed
Pontiac, Oakland County	2	7:30 PM			1	2	0	0	Lightning		by	lightni	ng on	Forke	d la	te i	n Case	cou	ty. A second
									rs had sought injured and the		he	at from	the 1	ightni	ng be	olt.	Ligi	tnine	only felt the destroyed a
	B D									1	40	x60 foot	barn	600	bales	of	hav.	ki11	d one horse and
		rd rece					A POU	aru E	artner, under a		in	jured an	other	near	Batt	Le C	reek.		d one norse and

· •		H	I			. OF		<b>IATED</b> †				J.	E			. OF		ATED†	
		8	PATH	¥.	PER	SONS	DA	AAGE	. CHARACTER			8 .	PAT	ATH (	PER	SONS	DAA	MGE	CHIDICALD
PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED .	PROPERTY	CROPS	CHARACTER OF STORM
Michigan (continued Caro, 10 NE		4:45 PM	1		0	0	4	.0	Lightning	Minnesota (continu	ied) kłown	  many tree	s whic	h disru	pted	power	and	elepho	ne service throu
Tuscola County		İ					'	1		Soderville 1-1/2E	put	he area. 8:35pm	1	100	0	2	4	0	Tornado
	øh	ed, 27 p	gs,	a comb	ine	and	sever	al pi	t Deford. The eces of machinery	Anoka County			touche	•	in H	1	ake To		in center of
	lo da	st were '	value ulted	d at \$	50,0 the	00. thun	Seve	tal r orms	eports of minor in southern		sect	ion 3 and	moved	south a	about	1 mi	le. D	stroy	ed one small hom house that was
	Mi	chigan.			1			i	[		dest	royed and	one wo	man fr	n fl	ing	debris	in on	e of the damaged
Minnesota West Central, Central	,	Franing			0	2	5	0	Wind, Hail,	West Central and	18	Afternoon			0	0	5	5	Wind & Hail
& South Central	1	Evening			"	1	3		Tornadoes	Central		and Evening			•			-	
									evening formed as of the State.		para	llel line:	about	45 mi	lles a	part	from t	he nor	generally on two thern part of th
,	Torn	adoes will	be re	ported	separ	atel	y. Co	sider	able crop hail ig counties; Grant,		West	Central I southeaste	istric rn par	t. The	s st	arted about	about	5:00pm	n and moved out
	Trav Meek	erse, Big	Stone,	Lac Qu	Ji Par	le,	rellow	Medic:	ne, Lincoln, Swift,		Renv	rally on a ille Count	line y. Th	from so e heavi	uthe:	aster damag	h Wilk e to t	in Cou he nor	ty into central th of Benson. S
	to m	any city a	nd far	n outbu	#1din	ùgs; ₁	destro	yed on	mobile home and was injured as		ligh	t hail was through I	repor	ted in airie a	sout	west . Cl	part oud.	of Sta Winds	te and an irregu destroyed a ware
	barn	was blown	down	and gir	t at	Dass	1 5SW	, soutl	shore of Lake as blown apart.	`	home	overturne	d at W	illmar	and :	sever	al cam	pers: 1	of Benson; mob arn blown down
Bellingham,	1	6:55pm		20	0	0	3	0	Tornado		lodg	ing and fr	om she	lling o	of the	rip	grai	d. Mil	ered damage from
Lac Qui Parle County	Very		1	unnel v	vas ob	serv	ed to	touch i	own in the south-		the	path of th	unders	torms.	See	torn	adoes,	these	common throughou occurred in the
		edge of B									1	of the mo	st nor	therly	İ				
Porter 2-1/2SW, Lincoln County	1	8:30pm	1		0	0	4	1	Tornado	West Central	[	Evening			] °	٠,	4	4	Wind & Hail
	Smal and	tornado rees. Tw	touche o othe	d down r funne	in fa els al	rmla oft	d cau ere o	sing so	me damage to sheds . Heavy 1/2" hail		Ston	ė, Stevens	and P	ope Cou	hties	. W:	inds r	portec	damage in Big- to 80mph at
•	occu	rred about	15 mi	nutes h	efore	the	torna	do.			and:	porth of C	rtonvi	lle and	one	barn	roof	outhwe	ofs blown off east of Hancock,
South Central	7	8:45am- 10:45am			0	0	0	5	Hail	,	down	throughou	t the	rooten area an	as mo	er a	home d tel	phone	over. Many tre- outages were
	сгор	damage in	Marti	h, Fari	iþaul t	, and	Free	born Co	m northwest caused unties. Some hail	Vermillian 16		on.							
		damage wa hinson.	s repo	rted be	tween	4:0	and	5:00pm	west and south of	Vermillion LW, Dakota County		3:30pm	ĺ ˈ		0	0	4	0	Lightning
Moose Lake,	7	4:00pm-	28	50-150	0	2	5	?	Tornado	W	ŀ	tning stru	ck lar	ge tree			[		
Pine, Carlton Counties	Torn	5:00pm do touche	d down	2 mile	SSW	of I	oose	Lake, s	skipped along and	West and Southwest	1	Evening			0	0	0	5	Hail
i i	then	moved eas	t-sout	heast f	br ab	but :	20 mil	es lift	about 8 miles ing about 5 miles		Lyon	Redwood,	Pipes	tone an	d Mur	ray (	ounti	Big St	one, Lac Qui Par vere crop losses
	insi on 6	e Wiscons farmstead	n. I s and	t destr about a	oyed 12 π	or he	avily ath o	damage trees	d many outbuildings through the State		1	le Cottonw			1		а.		
	Fore: wind	t in Minn ws but th	esota is did	not pr	nsin. event	Sevi	farm re da	r oper mage to	ed all doors and home. Golf ball farmer laying down s and at Nicker- plew through window.			EL CLOUDS	REPORT						
	hail in f	proceeded ield was i	the t njured	from f	Moo Lying	se La	ake 6E: rds and	E, one plani	farmer laying down s and at Nicker-			iyohi	1 1	7:00pr 8:40pr	ri i	Spic	er 4W	south	
	Seve:	rai funnei	all gi s alof	rl was t forme	injur and	dis:	fenc ipate	post near	blew through window. the tornado.		Blue	Earth Earth	1	8:55pr 9:16pr	1	Lake		NE 11-eas	ļ •
North Central	7	Late Afternoon		ĺ	0	0	5	0	Strong Winds and Hail		Dako		1	10.45 <sub>1</sub> 10:37 <sub>1</sub>	pm	Mend			St. Paul
									1. Winds of		Anok		1	10.57 11.00p	m	Anok	a 10E	ark-su	burb of Minneapo
	асто	ss area ca	using	major d	iamage	to:	ircra	ft and	winds were common hangars, boats		Pine	ca	1 7 12	11.00g 2:50pr		Hibb	stone ing 30	PIRE	
,	was:	reported i	n Nort	h Dulut	h and	Hib	it 3:0 jing a	opm; so meas pa	me damage to houses rticularly from		Norm		13	5:20pr 8:15pr		Boru	Þ		I-waterspout
		s. A hous		down a					]		Rock Bens	on	18	6:50pr 6:56pr	1	St.	rton-s Cloud	10N (ov	r Little Rock L
West Central	12	Afternoon Thru Late			0	0	0	5	Hail, Lightning Wind		Nob1		18	7:14pm 7:51pm	n n	Wort	hingto		funnels) funnels)
	Thun	Afternoon derstorm w		dil cans	ed cr	on h	ail da	age in	Wilkin, Traverse,		McLe		18 18 18	8:10pr 8:15pr	ņ	Mila Silv	er Lak	e-east	411
	Big	Stone, Pop	e, Nic	ollet,	and E	lue	earth -	Counti	s. Lightning St. George 7W,			iyohi	26 26	8:38pm 7:15pm 8:17pm	d	Will:	nar 10 Cloud	Wiscon: W & 15	NE
	at 4	:30pm. Lo	cal th	underst	orm w	inds	blew	lown a	barn at Litchfield e tree near Staples		Free	born	26 29	9.57pm 4:55pm	4	Albe:	rt Lea ton 3S	105	
	duri	ng the nig	ht and	52 hea	d of	shee	unde	the	ree were killed.		Dako		29 30	10:10p 8:12pm	m	Burn:		subur	of South Mpls.
Northwest and West Central thru	14	Afternoo & Late	n ·		0	0	0	4	Hail	Mississippi	,		, .	U.112p#		1011	an na	lus	
Central	Thun	Afternoo		il caus	ed so	me ci	on ha	l dame	ge in Polk, Yellow-	North Central	3-4				0	0	7	0	Wind
- I	Medi	ine, Renv	ille,	Sibley	and N	icol	et Co	mties.	ige in Fork, Tellow-	Division									Some minor wind
Miltona, Douglas County	18	6:02pm	. 4	100	0	5	6	0	Tornado		repor	ted at Se	natobi	a; marb	le si	ze ha	11 and	windy	small storm was , no damage repo
	of M	.ltona. I	t dest	royed:	# bus	iness	es, 8	homes.	irection over town 1 mobile home		rece: 5 W	ved. PAN Como (lat.	OLA CO	UNTY: N, lon	At 12 g. 90	.00 №	.m. oi	Lith o	n Highway 310, a atrol reported
	and o	ne farmst farmstea	ead.   is. Mi	Caused inor da	major	dame to: 7	e to:	one bu	siness, 18 homes,	_	lauit	a few sn	all tr	ees blo	wn ov	er an	d seve	ral la	rger trees down; a.m. at Sardis sw trees down an
	500	al farmst	eads.   nt: A	Five pe n obser	rsons ver n	were	injum an occ	ed. E	stimated damage-		Rese: brok	rvoir (lat m; l car	. 34.4 damage	N, lo	ng. 8 11ing	9.8 tree	W) qui ; no i	te a f njurie	ew trees down an s.
	light	ning duri	ng tor	nado an	tha	t was	some	distan	ce to the south.	Coahoma County	4	About	-		1	2 or		0	Wind
Rice, Benton County	18	7:10pm	2	50 yds to one		0	5	0	Tornado		1 1	1:20 a 2:30 a.				3			
.	form	do funnel	were	mile observ	ed bu	t tra	ck whe	re tor	mado touched down	<del> </del>	repo:	t of very	high	rind ab	but 1	:20 a	an al	ifting	had a patrol car signs around an
Ĭ.	vas v From	ery diffu all direc	ed.	Frees,	build ularl	ings v fra	and de	bris s hwest	howed winds were		tinud	us lightn	ing and	ismall	ha!]	was	report	ed. d	at 2:18 a.m. con onsiderable mino
	it de	stroyed of	ie hom	e, 3 moi	bile l	homes	. lare	e comm	ercial chicken ral area of Rice,		dama.	e from the	e seven	e thun	derst	orm i ama <i>a</i> e	n an a	rea 5	to 7 miles wide west of Clarkeds
Št. Cloud,	18	7:10pm	Ī	. ]	l i	0	5	0	Strong Winds										ds were clocked age centered aro ome owners repor
Stearns County	inds	to 69 mp	at St	. Clou	l Ain	ort	destro	ved 5	aircraft.caused		the ling	orthwest lamage	section	of th	e cit ce cl	y wit aims	h 15 t were z	o 20 h eceive	ome owners report d for "broken utility rooms
le le	ome	damage to	hangar	s, min	r da	nage	to man	v hui l	dings and blew	]	lwind	ws in hom	es and	cars a blown	nd ro	ofing	damag	e	utility rooms

	CAL	PATH	를	NO. PERS		TIMATED DAMAGE	_			CAL	РАТН	H	NO. PERS		ESTIM/ DAM		
PLACE	ARD LO	P 83	P PA	П		:	CHARACTER OF	PLACE		ARD LO	P 8	P PA ROS)			1,4		CHARACTER OF
	DATE TIME - LOCAL STANDARD	LENGTH (MILE	WIDTH OF PATH (YARDS)	KILLED	INJURED	CROPS	STORM		DATE	TIME - LOCAL STANDARD	LENGTH (MILE	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	STORM
Mississippi (continu		<del>  -</del>	<u> </u>		_   _	1		Mississippi (continu	ب			J					
	2 W Clarksdal	e, in i	railer	park,	at abou	t 2:30	a.m. newspaper pub-	MISSISSIPPI (CORUM	High								130 p.m. the inte
	way to their	car whe	n the s	tom	struck.	He had	the trailer on the cpened the car door		Flor		orn ha	d decre	a sed	so it	; was l	ost to	radar about 10 S
	his wife pinn	ed bene	ath par	tof	the wall	or a c	ode He found or . Their pet dog,	Hinds County	9	3:36 p.	Short	Narrox	, ,	0	?	0	Tornado
	still alive, hospital. Po	was in liceman	her am report	s."	She was ur other	dead or	arrival at the			· · · -				sight	ed fiv	e mile	s southeast of
	damage. "Hea	vy dama	nge was	also	reported	I throug	hout the city." In were toppled;"		Edwa	rds Thursd	јау поч	ing at	about	35 m	iles p	er hou	r causing high w nutes <b>later</b> it w
	one falling	tree be	dly dam	aged	a car pa	rked ur	der it ;" utility s so far have added		thre	e miles we	st of	Raymon	, but	by 5	р.д.	(CDT)	Civil Defense un nnel had apparen
		ds of (	ollars	of dah	nage to		lone. Highway Patrol		lift	ed into th	e cleu	ds." A	t 3:3	6 p.n	. rads	r show	ed a hook echo L
incoln County	4 11:30 a	1	20113 2113	0	0	7 0	Thunderstom		a to	mado on a	round.	Appar	ently	the	toucho	own wa	ed a hook echo land public confirms of short durate from Edwards to
	Noon Highway Patro	l repo	rted tha	at at	about 1	1:30 a.n	i. barn and garage		Winn	dale; then	e were	no rep	prta	of ma	Jor_da	mage a	nd nearly all re
	blown down 8	S Brook	khaven (	hat.	31.5 N	long.	90.4° W); at about d down power lines at		3:70	p.m. was	about	5 SE Ec	wards	, at	3:47 F	∍m.ab	echo on radar at out 3 W Raymond,
	Enterprise (	SE Br	ookhaver	n). T	hunders	torni mo	red towards SE with		at 3	55 p.m. 1	Lt was	indica 1	ted as	pos:	ibly a	loft a	bout 5 SE Raymon
		ĺ	Te arze	naii	-	١.	1	Copiah County	9	About 5:00 p	_		0	0	?	0	Wind
outheast and South Central Divisions	4 Afternox			0	0   1		Wind, Hail, Heavy Rain		4+ D	5:15 p.		DO NW I	la el an		(10+	ים מב	N, long. 90.6" W
							th gusty winds which locked highways and		publ:	ic reporte	ed heav	y thunc	iersto	m w	th la	ge tre	es obstructing
	streets, floo	ded som	me areas	and	inflicte	ed vide:	pread damage. SOUTH- i, "Several old oak		1	ay, hail		and wir		Г	l _		
	trees were b	Lown do	un in Er	terpr	ise, blo	ocking :	etreets and cutting ne. Falling trees	Leflore County	10	Afternoor	1		1	0	?	0	Wind
	crushed one	ar and	damageo	the	porch o	a hou	se. In addition,										crackled er boomed
	reported tha	t Highw	aly 84 fi	rom Si	las (Ala	1.)  to 1	waynesboro was blocked.	,	The	lake whipp	ed fro	n glass	sy ano	oth :	to whit	ecaps.	And a bo
	hail and two	inches	of rain	n hit	the Lau:	rel area	to 70 miles per hour,		16.	Under the	boat	was the	adul	.t (ma	يم)	. 26	He didn
							homes and utility size of a quarter			-		e) citron					
	hit the city.	.	n Atra	iler	was repo	orted bi	lown over at Laurel. ouse was flooded along	Rankdin County	10	7:15 p 7:20 p.	1	İ	0	0	4	0	Wind
	with other po	rtions	of the	city.	Two in	iches o	f rain fell in less		Man	saw funne	1 shape	ed clou	d 7:19	7:2	p.m.	LNE	randon (lat. 32.
	estimated at	50 mil	es an ho	our in	Hattle	sburg b	egan suddenly stirring		hous	es in the	Dakda:	le comm	unity	nort	h of B	andon	20-foot chicken were destroyed.
	yellow cloud	of whi	rling d	ust.	A	proxim	was enveloped in a tely 400 telephones		Prid hous	ay night. e were ki	Surp:	risingl An in	y few vestig	of t	noted	O layi	ng hens in each houses were ion of the damag
	trees	About	half of	f Hatt	iesburg	was wi	by falling limbs and thout electricity		indi	cated "vi	nd ble	wifrom ∶	the no	rth.	lat.rai	iht wir	ds: " the "house
							very little crop rain fell in the		were	anchored	∄n 4'	x tr, c	oncret	te.c	dncret	was a	bout 12 inches d
							r trees." SOUTH Patrol reported about		were	promu or	er, the	e roof o	of one	e hou	de was	off, 1	he other was shi sen \$30,000-\$40,
	1:15 p.m. se	reral t	rees blo	own do	wn at H	igh ay	37, N of intersection 31.6° N, long. 89.8°W)		howe	yer the h	ouses a	ajre bei	ng sal	vage	d and 1	dll be	rebuilt. No ev
	LAWRENCE COU	itk: M	onan at	New H	ebron r	eported	a cow barn blown from		ceiv		TA MING	us seen	, neut	uner :	were o	mer oz	mage reports re-
	COUNTY: High	ниау Ра	trol rep	ported	about :	1:19 p.:	. several trees	Washington County	10	11:34 p							Funnel Cloud Alo
	■Seneca repor	rtled two	large	pine	trees fo	ell, on	ewspaper noted man at e on a car inflicting	·	Man	reported :	funnel	bounce	d back	and	forth	3 SSW	Greenville (lat.
							n about 30 feet of uses. " Power company		high	winds an	d small	l hail :	at tim	ue. :	Highway	Patro	towards Belzo
	"reported a	good de	al of i	nterru	ption o	f servi	ce at Lumberton " and East of Lumberton		repo	rte recei	e or e	vildence	of a	torn	ado to	chdown	; no later damag
	MARION COUNT	Y: A t	hunders	torm w	as repo	rted at	1:00 p.m. Newspaper rport, another damaged	Yazoo and Hinds	17	About				ŀ			Funnel Clouds Al
	and an airpl	ane was	wrecke	d Satu	rday af	terncon	. The 50-mile an hour	Counties	Repo	2:15 p.	nnel c	louds a	loft.	YAZ	о сол	TY: A	t approximately
	clouds of du	st in t	he soutl	h sect	ion of	town."	down signs and lifted Power company "report		2:15	p.m., ov	er Yazo	ob CLty	nearl	Lby (b	ult not	touch	ing ground; no Bighway 55, nea
	Columbia new	apaper	noted,	"Large	pine t	rees we	. Columbia. A A re snapped in the		Nort	h Side Dr d or sign	ite in	NE Jaci	kson,	repo	ted m	ving w	to E; no damage
	by the high	the Mar winds r	ion and	Lamar visibi	County Lity to	lines,	dust picked up le on the south side	Madison County	1			1	•		1		
	of tewn."							nate son county	23	6:40 p.		-2 (0		١.			Funnel Cloud Alo
ississippi Sound	4 3:00	p.			1		Waterspout		fum	el cloud.	No la	ater re	N, 10 ports	ong y of d	arage	publ r indi	ic report of a cations of a tor
	Highway Patr about 500 ya	ol repo	rted wa	terspo	ut abou	t 500 y ft harb	ards offshore and		do t	duchdown.			1	İ	1		
ta A. Daniele	1.1		, Guille	0.03.	l 1	.		Lauderdale County	29	2:50 p.							Funnel Cloud Alo
arren to Rankin County	9 p.	_		1		1	Funnel Clouds Alof		At 3	N Meridi	an Nava difunne	al Air :	Statio	n (1	at. 32	6°N,	long 88.6° W), eceived or indic
	winds, and m	odera te	ly heav	y rain	occurr	ed dver	s with hail, gusty many sections. No		tion	s of a to	rnado 1	touchdon	WP.		260 101	1	COLVER OF INCL
							re sighted at several confirmed on the	Franklin County	31	4:30 p.			0	0	7	0	Wind
							rate listing). Radar a and Edwards, ESE										nd farm out-buil community near (
	about 1 S Ra and was lost	ympnd t about	Winnd	ale ar lorenc	ea, the	REN COU	into SW Rankin County NTY: At 3:05 p.m. at										do-like' winds mity reported no
	3 E Vicksbur	g a fun	nel clo	ud alc	oft was	reporte	d by radio station Engineers reported		dame	ige to hom	ies. T	'arrenti	al ra	1ns a	nd hai	occu	rred And
	fingers on t	he clou	id but n	o funr	el. At	3:16 p	.m. just W of Bovina		Tre	s were so	beqque	off at	head :	heigh	nt and	arge	imbs were rippe
	rotating abo	ut 300	to 400	feet a	bove gr	owad an	similar to a funnel, d headed east. News-		down	n, marble	size h	ail and	l high	gust	y wind	. No	off barns, wire sightings of a
	neau communi	ty, at	Bovina.	<b>.</b>	Torre	ntial r	y residents of LeTour- eins and hail	-1		nel report approached							appears to indic
	persons repo	rted a	funnel	cloud	between	Bovina	." HINDS COUNTY: Two and Edwards, about	17118SOUIT									
	25 W Jackson	, hovin	g towar	de ESE	at 35	m.p.h.	(See separate tornado n high ground in the	NE Dunklin County SE Stoddard County	3	12:20-				1			Thunderstorm Wi
	Raymond area	could	see no	indica	tions o	f a tor	nado at that time. At d (18-20 SSW Jackson,)	New Madrid County		1:20 PM							1
	moving over	Winnda]	Le commu	nity,	petween	Byram	and Terry, (lat. 32.0° at 4:12 p.m. of a		a l	ine from l	Malden,	, to jus	s <b>t∣s</b> ou	ith o	fSike	ton, t	t 12:20 P.M. alo p produce wide-
	funnel cloud	l about	19 SSW	Jacks	dn morti	ıg E\$E∵	towards Pearl River,		par	ead wind o ticularly	damage heavy	as it i	noved Nalde	soutl n ar	heastwa ea, who	rd. W re six	ind damage was teen modular hom
	panied the	stam a	louds as	s they	moved a	across :	ne main and hail accom- the southern part of	11,	sec	tions were	e eithe	ent dama	geld or	des	troyed	at a f	actory, in the P
	Hinds County	r.¶RA ndof	NKIN COL	JNTY:	At 442	p.m.	this storm was near	1 *	of	100 mlles	per ho	nir. an	din t	Ma M		المعادد	here, in additio

	LOCAL	F PATH	PATH S)		OF SONS		ATED!	CHARACTER			LOCAL	F PATH	PATH		OF SONS		ATED <sup>†</sup>	CHARACTER
PLACE	DATE TIME - LOCAL STANDARD	LENGTH OF (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	OF STORM
Missouri (continued)	· · ·	Ī	l	1.		١	]		Montana (continued				1	<u>l</u>				submerging 5 or
	and hospitali	sed as	strong	wind	s ble	ı two	cars o	oman was injured If of I-55, two		6 c		Dasen	eni or	an ac	i diki	1110 00	anpany	Submer gring 5 of
	miles south o	-	ton at	about	1:00				Pondera County	28	Afternoor	10	8*	0	0	0	?	Haii
Marston, New Madrid County	3 1:15 PM	l				· 14		Tornado					hail ca	used	up to	50%	атаде	of grain crops
	from the nort	a edge	of Mar	ston	to th	e Miss	esipp	height moved i River. At the		wes	of Conra							
	work of a new	power	plant 1	under	cons	tructi	on was	ston, the steel- sufficiently	Alberton, Mineral County	28	3 p.m.	7	?	0	0	3	0	Hall
	damaged to re site was seen	duire :	some rep	the	ment. Missi	Debr ssippi	is fro River	n the industrial		Hai		han go	f ball	s cau	sed n	inar o	amage	in the east
Watson, Atchison	7 7:45 PM		-					Hail	Nebraska	part	of town.	1						
County	Hail with som	ston	es to o	ne in	ch in	diame	ter da	maged crops in a	Nance County	l Few	stones of	- fi 1" d:	- Lameter		0 exten	0 sive d	O mage.	Hail
	1/2 mile wide northwest Ato	strip	from s	outhw	est t	o sout	heast	of Watson in	Burwell		4:30p	Spot		0	1	0	] -	Lightning
	19 7:45 PM		200		7	5		Tornado	Butwell	Wom	an struck ling. Re	while	holding	onto				TEPHONE
County		"		orna d		ĺ	ness w	no first sighted it	McCook		6:30p	!		0	1	0	0	Ti obtoin
:	described it	4s "har	ving the	e app	earan	be of	a vert	ical washing ath of the storm	MCGOOK	Man	struck w	Spot mile ci	tecking		ation			Lightning
1-	was from just	north	of Alto	on, M	issou	ri to	about	5 miles north of re were 10 homes	Box Butte Co.	13	10:37p	Short	Narrow	0	0	0		Tornado
	and 4 mobile	homes	cestroy	ed, m	any b	arns a	nd far	n buildings des- ns requiring		mil	erved to es northw	touch of	Allian	ce.	an o	pen ar	sa IO	
·	hospital care	and .	minor	inju	ries.	n)arec	per sc	im tedutitud	Burt-Washington	14	4:30p-	20		0	0	0	0	Funnel Cloud
Southern Missouri	31 eventing					4		Isolated Severe	Counties		4:52p st sighter				sou	heast	ard a	nd
ľ	Straight wind	damage	e:					Thunderstorms		lat	er sighte	d near	Blair.	1		ĺ		
,	Sikeston, Sco Warrensburg,	tt Com	nty n Count	8	35 P	1		,	Eastern Nebraska	ᅫ	About 6p to 7p	-	-	0	0	14	5	Hail
į:	Holden, Johns Lee's Summit	on Com	nty	9	00 P 15 P 00 P	vi i				Cas	erous smal	ncaster	Counti	Les.	Most	of th	stone	:5
Montana										wer fel	from 3/1 in Murra	' in c	iameter	but The a	gom	e 2" o	large	r
Rosebud, Custer, Wibaux Counties	13 Evening					?	,	Hail, strong winds		inc	luded, bu	were	not lir	mited.	to,	Bellev	ie,	
			- accom					and scattered	Gage County	ļ	6:30p -		Narrow			L		Tornado-Hail
									445	1	6:45p nel cloud						ļ	
	and 20 miles	ong c	ausing i	exten	sive	crop d	amage	through the		eas	of Wilbe	er to l	miles	west	of C	rtlan	i.	
	Forsyth area. electric powe	Wind was	off for	10 h	ours.	The	storm	3 miles wide through the s City and then moved into and strong winds		2출 :	miles nort	th of (	latonia	. So	me 1	" hai	l stone	8
	southern Wiba caused consid	erable	damage	te ba	sebal arm b	i size uildîn	gs and	crops.		pas	in cort.	of the	town.	t 12me	tne	torna	o was	
Daniels County	13 Afternoon	7	3	0	0	?	?	Hail, strong winds	Cass County		7:30p	1	100			ا ا		Damaging winds
	Small hail ac	compan	ed by	stron	g win	ds cau	sed e>	tensive damage		sou	ef high wi th of Flat	ttemout	h about	an l	iour	fter	he	
	to grain crop	s alon	g the n	orthe	rn Mo	ntana	border	<u>'</u>		win	l reported	evera.						
Victor, Ravalli County	20 7:45 p.m.			P	0	4	0	Lightning	Webster County		demolishe Late	5	2*	0	0	L.	14	Hail, wind
·	Lightning sta	rted a	fire t	hat c	omple	tely o	estroy	ed a trailer		Nea	Afternoor Blue Hil	h. co	nsidera	ble o	rop o	lamage	from	
	house.									hai.	l. Roof a	nd bui	lding d	iama ge	from	wind	•	
Livingston, Park County	21 13:50 p.m			0	0	?	0	Hail	Thurston County	18 Sigh	7:20p ted betwe	 en Wak	 efield		0 endéz		0	Funnel cloud
· · · · · · · · · · · · · · · · · · ·	Thunderstorm		anied b	3/4	inch	hail	and 1.	69 inch rain	Scottsbluff County	]	11:13p					0	0	Funnel clouds
	caused very m	inor d	amage.		i					Thre	e funnel	clouds	sighte					- W.1102 020425
Billings, Yellowstone County	21 3-5 p.m.			0	0	?	?	Hail, strong winds	Red Willow County		Evening ere thunde	10	1*	0 anied	0 by i	l igh wi		Hail, wind, light
		with 3	4 inch	hai i	and	strono	winds	caused minor	<u> </u>	hai:	and light	tning	moved f	rom I	ndiar	ola to		
	damage and br									Root	and tree	damag	e from	wind.	Seve	ral fi	res	•
Ravalli County	27 2:45 p.m.	7	1-2*	0	0	?	3	Hail, strong winds	Cheyenne County		7:12p	2	?	0	   n	. 0	0	Hail
	Strong wind w	ith ma	rble si	ze ha	il ca	used o	rop ar	d minor property	i and all a state of	Thre	o-fourths	inch						11471
Yellowstone County	27 8 p.m.			1				Funnel cloud	Keith and Perkins		8:15p-		<u> </u>	0	l o	0	.0	Funnel clouds
	Military airc	raft r	eported	funr	el c	oud 4	NE BI	lings.	Counties	1	8:30p el clouds	ì	ì	ì	1			Tunier Crouds
Flathead Vailey	21-		İ						Nevada		or arous	5.6.10	Da near	Dru.		11691		
	28						5	Rain	Pioche	21	5 P.M			0	0	?	2	Thunderstorm
	thirds of the	cherr	y crop.	Aba	ut I.	5 mll	lion po	loss of two- ounds of the 4.5		22	2 A.M.							
	million pound caused the ch	crop	had bee	h har	veste	d befo	re the	rainy speli		Sma:	l hail, a	ssocia	ches in ted wit	nine h the	thur	s, pro derst	duced rm pro	some local floodi duced damage to
	28 8:50 p.m.			0	o	0	. 0	Wind			len crops.	}						
			anied b	win	ds au	sts to		· .	Duckwater, Nye County		5:30 P.M.			0	0	5	3	Flood
Havre, Hill County		BCCOM.		( " )	37					Rain	from the	nderst alley	orms in of Duck	the water	norni . Ir	ng pro	duced locati	a flashflood whic ons, water reache e ripped; approx-
Havre, Hilli County	Thunderstorm reported dama			!						up 1	o 2½ feet	. Fen	bes. br				1.	e ripped: approx-
Havre, Hill County	Thunderstorm	ge.	,	0	n	0	n	Hait		imet	ely 450 t	ons of	was lo	Lages	and An ad	culver dition	al 450	tons was damaged
Havre, Hill County  Dillon, Beaverhead  County	Thunderstorm reported dama	ge.			O No r	0 enorte	O od dama			imet Wit	ely 450 t nesses in years.	ons of dicate	was lo	ldges st. his f	and An so lood	dition was th	ts wer al 450 e wors	tons was damaged t in approximatel
Havre, Mill County Dillon, Beaverhead County	Thunderstorm reported dama	ge.							Las Vegas, Lake Mead	50	years.	ons of dicate	was lo	tidges st. his f	and An so lood	culver dition was th	ts wer al 450 e wors	tons was damaged t in approximatel
Havre, Mill County Dillon, Beaverhead County	Thunderstorm reported dama	ge. ? with I					d dama		Las Vegas, Lake Mead	50 24-2	years.	ons of	was lo	st. his f	An so lood	dition was th	al 450 e wors	tons was damaged t in approximatel Thunderstorm, Win- damaged a few two to three

KITY 1070

		<u>.</u> 1	<u> </u>		NO. 0	OF ES	STIMATE	501	<u> </u>			ı	1	NO.	OF	ESTIMA	TEDT	
		TIME - LOCAL STANDARD	е РАТН	ATH (3	PERSO		DAMAG				TIME - LOCAL STANDARD	PATH	WIDTH OF PATH (YARDS)		SONS	DAM		CHARACTER
PLACE		DARI	LENGTH OF (MILES)	WIDTH OF PATH (YARDS)		ا ۾	<u>∡</u>	OF STORM	PLACE		DARU	LENGTH OF (MILES)	ARDS		e	RT.		OF STORM
	DATE	TAN	ENG:	를 는 일	KILLED	INJURED	PROPERTY	CROPS		DATE	IME	E SG	Θ. T.	KILLED	INJURED	PROPERTY	CROPS	
New Hampshire		F 00		*	1			9	New York		H 02	ــــــــــــــــــــــــــــــــــــــ	*		لثا	•	با	
	12	P.M.			0	0 4	. 5		i	١,					_			•
		Scattere	d seve	re thur	dersto	rms.	Large	lightning hail	Elmira, Cheming County	1	evening				5			Lightning
·		in some in Lacon	ia. H	xtensiv	re dama	age to	fruit	and										tree on city
	1	vegetabl	là ir	ches de	ep on	ground	l. \$ca	ttered		para	lysis; in	knocked Juries	minor t	cious o oti	, sw er ti	fered ree in	body i	urns and temporary
		wind and outages.	light	ning da	mage,	includ	ling ut	iliy	Tompkins and	3	early					6º	С	Heavy rain, floor
Milford	16	6:17 PM	ļ	13	0	0 4	. 0	Tornado	Schuyler Counties; Syracuse area		evening							ing, wind
		Funnel a	ppeare ranspa	d as a rent ma	gray,	whitli Somewha	ng, sm t sinu	oky ous		Earl	y evening	cloud	urst st	ruck	adjoi	ning p	ortion	s of Tompkins and
		path in and home								gage	* located	betwee	an 4 to	Boots	Les d	outhwe	st of	n. Standard rain Ithaca measured
		Dean Str	eets,				-			6:50	p∍ma, E.	5. Tim	pe).Ra	ipid r	ise s	nd fla	sh flo	O minutes (5:20 to oding of brooks
Southern		evening Scattere	d ligh	tning d		o 5 and lo		Lightning, rain		ways	l rural re	oads ar	d recre	ation	PRAS	s. Pr	incina	, culverts, high- lly affected were
		from hea burned a	vy rai	in. Gar	nage an	nd car	in Man	chester		mont	our rails	and wa	urkins (	щen,	bchuy	ler Co	unty.	, and Odessa, Reilroad tracks
Southern	18	P.M.			0	0 4				or w	ráshout. (	Campers	and ru	ural r	eside	nts ma	rooned	ides, flood debris
		Thunders with gus	ts to	over 60	mph w	rith so	me uti	inds lity		tion	of south	some an western	Tompid	Lns Co	unty.	aters Trem	in Con an Sta	necticut Hill sec- te Park, near posits of mud and
		outages Scattere	i ligh	tning d	emage	includ	ed los											
		of a com Some hai	mercia l repo	l build rted.	iing bu	rned i	n Some	rsworth.		DAGL	w ilooded	and In	Lt.teren	nv uri	res.	tt reac	bn/ 11	mhe. Intermitten
Extreme southern 2		P.M.			0	0 4	. 2			in a	tandard ga m total of	age jus	st west inches	of vi in Wat	llage kins	of Ne Glen.	wfield Two c	l of 5.97 inches Unofficial
		Mostly m				areas	from	hail.		Tomp	eral disas kins Coun	ter are ty and	sh with	flood 00 in	dame Schu	ge est ler Co	imated unty.	at \$350,000 in High gusty winds ilo in Newfield
,		scattere	i thun	derstor	ms.					ar.ea	ré 12811 Til	Jhr.ea t	ipar wa	rkrua	hteu	wnen 1	arge t	ree crusned his
Southern		P.M. Scattere	i inst	ances o	nost	0 4 ly min	or dam	age.		wher	e Weather	n wagor Burea	u Airpoi	ngersi rt Sta	torms tion	measur	ed 1.	Syracuse area inches of rain i
		A mobile at Clare	home nont.	was set	on fi	re by	lightn	ing		tage	power li	ne fall	ling on	th aut	tomob:	le tra	pped r	suburbs; high vo an inside. Stree
New Jersey tlantic City and	ا ا	0800EST		Ì		,	հ	Electrical		plac	expresswa;	y rioo	ded with	h cars	s stal	led by	two f	eet of water in
Linwood	Light	tning str the other	uck to	no homes	s, one In th	in Atl	antic	City,	Broome and Delaware	3	late			i		6	5	Heavy rain,
	resti	lting fro	n the	Lightn	ilna atb	rike ca	used a	po <del>4</del>	Counties	Clo	evening udbursts i	n the	sputhea	stern	Fing	r Lake	s reg	flooding on (described
	and i	ping in b be hospit damage.	alize	. Both	h homes	s suffe	ared ma	jor		in a	adjoining	portion	nus of B	roome	and 1	el awar	rle Cou	miles to the eas pties. Rains of
Bergen and Essex	10 1	forning					4	Electrical, heav	r	E. 5	S. Time) r	eporte	d at De	pþsit	as m	ch of	commu	8:30 to 10:30 p.m. tity ravaged by
Counties		and afternoor						rains		with	h mud, roc	k and	trees o	r lar	ge se	tions	washed	Streets clogged out and numerous
	and	y thunder the flood	ting of	f under	<b>28888</b>	on ma;	jor hig	imays.		leve	el floors.	One	home he	avily	dama	ed by	fl∞d	sements or street waters when strea
	hours	3,500 oc sin Nort	h Ber	gen and	north	ern Jei	rsey Ci	ity.		stre	e¢ts as sc	mpe bui⊥	ldings	batte:	red b	y float	ting to	flood waters in ci rees; trailer home
		mfield ar l floodin		n Ridge	repor	ted the	e most	severe		mate	ed in exce	ss of	\$2 mill	ibn.	Town	of S	anford	ge in city esti- Windsor and
Paramus and River Edge		2330EST	2	50			ħ.	Tornado		Four	r highway	bridge	s lost	in Wi	ndsor	area.	Large	flash floods. dairy farm in
	114	all torna ed aloft,	and :	then to	uched	down at	t River	Edge,		and	several h	undred	acres	of co	rn, p	sture	and of	m sheds, machiner ther crops. Flash er through barn;
	Was :	t là mile Lifted of	fan:	ice cre	an sto	re, and	i other	· damage		seve	eral head	of cow	s drown	e∄,oʻ	thers	batte	red by	force of water. debris as was much
		reported he River			Some	trees 1	rere up	proofed		of c	cropland.	Loss	at farm	esti	mated	in ex	cess of	\$150,000. Two
Statewide	25	Afternoor			2		5	Electrical, heav	Hudson Valley	4	late			1303	UE1 AL	l Ca.	1	Wind, electrical
		persons w						rains		-	afternoo	n	İ			"		will, steed icar
	ut1	onton are	, and	street	and a	nighwa;	y under	rpasaes		Win	ds accompa	aried w	de rar	nging Rive	thund	erstor	ns in	entral and north- s to 50 m.p.h.
	dwe	flooded lings wes	e str	uck by	lightn	ing in	the Ma	irlton										
Statewide		Afternoo			2	16	5	Electrical, hear	,	pen	ерестафу с	ount se	a roc	sall da	mage	from w	dnda i	nbs blocked high- n Dutchess to n Rensselaer Count
, <del>20, 20, 11</del> , 15		soldier 1	1	lled an		1	·	rains	`	wne	re silo ar der.	nd seve	ral lar	ge tr	ees t	ppled	on fa	m near Vermont
	by 1	1ghtning	while	underg	oing b	asic t	raining		New York City and	10	early				5	3		Lightning
	into	a puddle	into	which .	an ele	ct#1d '	wire be	ud fellen,	vicinity		a.m. and	1						
•	and	numerous	fires	were r	eporte	d due	to Ligh				p.m.							
New Mexico			l	Ī			اً ۔	L		five	e persons	during	a day	light of in	ning termi	esult tent	ed in thunde	minor injury to
Albuque rque	Heavy	Afternoon thunder	tore	with or	er one	inch	of rela	Heavy rain a caused flooding in		wor	king in ab	out 6	a m. B	akery	and	Hosmit.	al hu1	diging also stanck
	stree	ying area	ted a	#10,0	rque,	to ho	mos sux s⊤TA g	he south. Damage to d property, \$50,000.		ומבן.	same area	wath s	uctur	an da	mage	desult	ing.	Commuter trains in gnal lights in es investigated a
Otero County		4:00 p.	<u> </u>		د داد	<u></u>		Funnel cloud		lig	htning str	rike at	home o	n Sta	noon ten I	alre c	umpani when s	es investigated a econd bolt struck Kouse austained a
Hawkham Cause To	1 1		1	encro2 b	TIOE,			th of Ruidoso.		lar	ge hole in	n the r	oof but	no f	ire.	, fire	men.	nouse austained a
Northern Santa Fe County	22	10:00 p. 00:15 a.				<u></u>	5	Heavy rain	St. Lawrence Valley	11	5 a.m. t	to				5		Heavy rain,
•	Pojos	que, Tes	uque,	Cundiyo	and	Nambe,	betwee	reater, in area of en Santa Fe and s, roads, culverts		8+	l p.m.	River	Wall are	10 04		manco		flooding orthern Franklin
	and c	Mikes, an	d 5000	floodi	ing of	buildi	ngs.	-, 1,,,		Cou	nty recei	vektas	series o	of hea	awby sh	owers	during	morning and earl
			1	1	1	1 I	- 1	I	11	الما	winder D	- years	J. 4.7	40.5	y inc	mes or	more	extended from
Sierra County		9:00 p.	2 20				. ,,,_	Tornado	11	Mar	h become	ay nort	total -	to Mai	dne s	rea in	north	ern Franklin Coun
Sierra County		do repor	ted 38	miles	northe	est of	Alamo	Tornado gordo. No damage		Nea at	r record : Massena w	storm t ith 3.1	totals i	for Ju	ully at Ltty Ha	Ogder 11, do	sburg zens c	mern Franklin Count with 4.9 inches and of stores and news evel floors by water

		OCAL	PATH	¥ C		SONS		ATED¹ IAGE	CHARACTER		. '	OCAL	PATH	ATH (		OF SONS	EST IM DAM	ATED <sup>†</sup> AGE	Cnto.cac.
PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF (MILES)	WIDTH OF PAT (YARDS)	KILLED	INJURED	PROPERTY	CROPS	OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM
New York (continue	ed) [		l	<u> </u>	!					North Carolina (co	L ntinu	ied)	بـــــــــــــــــــــــــــــــــــــ		! !	! 	<del></del>	<u> </u>	
	floodi Ogdens	ng and d	lamage Limbs	reporte	etin es do	Malor wned:	e are	Son	e wind damage in clished by falling	New Hanover, Pender Counties	3	2-5am					4	0	Electrical
	tree	Silo bl	own ov	er on f	arm i	n Lis	bon a	ea.	origined by fairing	Counties	Two	homes seve	rely o	amaged	by 1:	ghtn	ng.	!	
Southwest	15 a	.m. to		ļ			5	ļ	Heavy rain, wind	Randolph, Union Counti	es 3	3-5 pm			. 0-	1	4	0	Wind
	:p	•M•					٠.		,			İ		٠.		-		1	
	South	estern t	ier se	ctions	from	Chaut	auqua	to Ste	uben Counties ex-			le home ar ired, requi							d in mobile hom es blown down.
	early	ced neav evening	y rain thunde	s and d	emagi Pr	ng wi ecipi	nds in tation	morn:	ng, afternoon and s 1.5 to 3.0	Piedmont; a few places									
									e to Allegany ds in Salamanca,	Mountains & Coastal		evening			1	1	5	5	Wind, electric
										Plain .	Wide	spread thu	nderst	orms w	th p	assin	low	pressu	hail, rain re trough and
	also h	ard hit	as hom	es, gar	altre ages,	pore	kport hes an	and Ho	rnell. Corning damaged by falling		from	t. Two se	parate	cases	of c	sual	ties w	hen ca	r-wash shelter: n; man injured
	tile n	lant in	Seleme	Mer Tar	Lures	taro	ugnout	Iarm-	country area. Tex-		cars	crushed r	ear De	nver,	Nume:	ous	¢ases	of mob	lle homes, roo
	rottmer	. Storm	effec	ts incl	uded 1	torna	y wher do in	Bemus	Point, described	`	burt	uildings dued by ligh	estroy tning	ed or o	amag	ed by Her b	wind.	Two es dam	churches and a aged. Hail de
	below.							  -			crop	s several	areas.	Trees	and	powe	line	blow	down. Boats
emus Point, Chau- auqua County	15 5	p.m.	1/2	Narrow	0	0	14		Tornado		ageo	on inland	lakes	•				ĺ	
•										Columbus County	5	6:05pm				١,	0	0	Funnel cloud
			1		1	i		1	a moved eastward		Obse	rved to fo	rm and	dissi	ate i	ver	Lake W	accama	. Reported b
	into v	dllage o	f Bem	s Point	and	trave	lled	evera	blocks. Witness		airo	raft and s	lso by	ground	obsi	erver			
	upware	l." Vill	lage st	reets ]	Litter	ed w	th la	ge tr	es toppled or por-	Greene, Pitt, and Sampson Counties	9	4-8pm				-	4	5	Electrical, h
	rippe	sheared loff gar	off hi	gh abou	e gro	und. Iters	One and w	eside:	ce had shingles broken. Another	Sampson Counties	Ligh	cning set	severa	l fire:	, di	rupt	ed pow	er. H	wind ail damaged to
	house	partiall	ly unre	of ed.	Some	trees	obse	ved t	disted at ground		crop	, wind dan	aged o	utbuile	ings	mos	tly in	Samps	n County.
	Tevel	but left	stand	nng.						Central North Carolina	10	1-6pm				١.	4	4	Electrical, r
lens Falls-Hudson alls area	16	p.m.	ì			1	li.		Wind, electrical										wind, hail obacco crop in
											ham,	Granville	and W	arren (	ount:	ies.	Light ver t	ing d	maged houses d limbs down,
	Locall Falls	y severe	thund on Fal	erstorn	str	Hudso	ighbo	ing c	ommunities of Glens Vinds demolished		and	telephone	lines	broken.	Was	hout	s and	lash-	flooding.
	screer	ı at driv	e-in-s	ovie ir	Huds	on Fa	lls a	d bro	ight widespread	Surry, Yadkin Counties	11	night					0	4	Hail
	street	to tree s blocke	s, lim	bs and bwned t	utili rees	and v	nes i ires	i both for se	communities. Many eral hours. Ob-				<b>.</b>	<b>, .</b>					
	server minute	s at War	ren Co	unty Ai	rport	meas	ured	•54 tı	ches of rain in 15			cres of to	vacco	destroy	ea.				1, 7
										Piedmont & Coastal Plain	20	11a-5p				İ	4	5	Hail, electri
ast Avon, Livingston cunty	19 6	p.m.				ļ	14		Wind		Wide	spread thu	nderst	orms ag	ain d	ause	d a va	iety	of damage. Li
•					١	İ.		<u> </u>			larg	killed a	valuat house.	le dair killir	y cou	; wi h po	ad des	damag	two barns and d roofs, brok
	during	thunder	storm	activit	jr. ⊂	kne ur	occup:	ed tra	alized high winds iler home had		limb		es. G	usts to	65 1	nots	repor	ed at	Raleigh-Durha
	walls	and roof	demol	ished w	nhile	secor	d home	near	y was moved several . Damage totaled		į		duilla S	eu cose		LOP			
•	\$10,00	O. Wind	damag	e to tr	ees a	ind po	wer 1:	nes o	curred in scattered	Martin, Richmond, Sur- ry and Wayne Counties	21	4-5pm					5	4	Electrical, h wind, rain
	areas	of north	ern Li	vingsto	n and	east	ern M	mroe (	lounties.		Wide	ly separat	ed thu	ndersto	rms o	ause	d a va	iety	of damage to c
outh central and ast central sections		.m. to					5		Heavy rain,		Wayr	e. Lightn	ing da	maged h	ones	and	uí1dí	gs; t	ansformers bl
			١.	١					flooding, wind			h flood da reported						ty.	rying Pan Lig
	neavy caused	early mo a retur	rning n of f	rains 1 Looding	in sec	#10ns	of eard	Depos:	Broome County t areas. Occamum	Basufort Forenth		aftn &					Ī		711
	Creek	and trib	utarie	s rose	rapid	Дуar	d ove	flower	banks in Windsor	Beaufort, Forsyth Counties		evening			0	1	5		Electrical
•	along	banks.	Three	pridges	lost	, F1	ash f.	looding	and community park also on Bone Creek		Ligh	itning knoc	ked bo	y in Wa	shing	ton I	incons	ious;	required arti
									id and debris also rstorms ranged			ed in Wins			50.		·		dinicule tacc
	elsewh	ere over	the S	tate du	ring	the d	lav wi	th gene	rally minor damage.	Ashe, Pender, Richmond	28	4-7pm		·	-1	0	4	5	Electrical, h
	winds	over the	Lake	raised	havoc	to t	oats a	and do	y. Locally high ks. One large	Scotland, Stanly, Sur- ry and Wilkes Counties	Elec	tric lines	an bil	1ad by	liobe	nino	in Sa	rland	County 14ah
	1 (		1	1	1	j .		1	rom moorings,	ly und writes countries	burn	ed buildin	gs in	Stanly	and E	ende:	. Ha:	1 dame	ged crops in
	driver	ashore	or sur	k. Doo	ks ri	pped	бу ас	tion o	winddriven waves.	0-1	1	mond, Surr	y and	Wilkes.					
Central and south-		fter-					5		Heavy rain, flood-	Cabarrus, Davidson, Edgecombe, Forsyth,	29	aftn & evening			0	1	. 4	5	Electrical, h
w		ioon							ing, lightning	Hoke, Lenoir, and Rockingham Counties	B		ad · ·		1. 1.		_,_		
									ghtning damage		faci	lities and	sever	al home	s dar	haged	by li	ghtnín	e County. Pow g. Flash floo
	counti	es to lo	wer Ho	dson Va	illey.	Der	osit.	easter	n Broome County.		dama	ge in Wins	ton-Sa	lem. I	ail	hit c	rops i	n five	counties.
	in 90	mimutes	caused	Bone C	reek	to or	erilo	but :	l.4 inches of rain	Cabarrus, Cleveland, Durham, Haywood and	30	3-5pm					4	0	Electrical, w
	confir	ed to ne	arby r	ailroad	yard	. Mo	ntice	10. St	illivan County	Mecklenburg Counties	Home	, church	nd cha	ir fact	ory	parti	ally b	urned	by lightning.
	caused	widespr	ead po	wer fai	lures	and	stree	s lit	ered with fallen		Tree	s blown do	wn, ro	ofs dar	aged	pow	er dis	rupted	}
	repeat	ed in so	uthern	Westch	leater	Cour	itv. 1	d ohtn	ing by heavy rains	Durham, Granville Counties .	31	5-6pm					4	4	Electrical, h
	ιπατοιτ	MO BOIRC	ent ho	mes et.	Motion	Ynelle	affryt	1 Dog 1	to Country democrad	councies .	Home	destroyed	by 1:	ghtning	in I	    Purha	n. Ha	il dam	aged tobacco c
	ner en	DOMEL IN	$\mu$ rures	and do	wnec	trees	occu	rea 11	in both. Scat- parts of Madison		in C	ranville (	ounty.						
	and On	eida Cou	nties.	Light	hing	fire	destr	ved da	iry barn near Ves- nd 4 head of live-	North Dakota				u	٠.	٠.			
	stock.				آ ر		- acil	Γ,	oau oi 1146-	Walhalla, Pembina County	9	Evening	*	•			4		Wind storm, he rain
lorth Carolina			1		}													ph cau	sed consideral
tgomery, Moore and	1-3		-				5	. 0	Heat										hes fell west 9 pounds, were
chmond Counties		. , -										on Lawren							,, , ,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	rose a	ands of particular and some second and some second and some second and some second and s	oultry oF eac	died o	during	thr	ee-day	perio	when temperatures	West and north portion	13-				į				Wind storm, h
thern Coastal Plain			52,	,.				_	1173	of state	14	hrase					c+a+1.		heavy wind
coastai riain		7-10pm					4	1	Wind, electrical		area	s of damag	ing wi	nds, ha	il, a	ind he	avy ra	ins ov	ront produced er western and
	Scatte	ered occu	rrence	s of w	ind da	mage	to ro	ofs an	cutbuildings; building, damaged		nort	hern parts	of st	ate. W	inds	which	damag	ed tre	es and buildin 7:00 p., at Ga
٠.	severa	l homes.		-15 PUET	.cu al	4081	raoned	SCHOO	. Duriuing, damaged		son	at 8:00 p.	, at S	tanley	about	10:0	Ю р.,	and in	the Langdon a
	'						,	I	l l		Town	er areas. ge to buil	.Hail dinos	hit are as well	a nor	th of	Golva op der	about	8:30 p. causi At Dickinson A
			of-t	able.					Ì		port	high wind	wreck	ed hang	ar an	id 3 t	lanes	when w	inds gusted 70

						1									_				
		TIME - LOCAL STANDARD	PATH	E	NO. PERS	OF SONS	ESTIM/ DAM					FIME - LOCAL STANDARD	PATH	Ŧ	NO. PERS		ESTIM/ DAM		
PLACE	1 1	32	P (S)	WIDTH OF PAT (YARDS)					CHARACTER OF	PLACE		걸윭	9F F	WIDTH OF PATH (YARDS)					CHARACTER OF
CACL		ADA.	LENGTH OF (MILES)	YAR	e l	8	PROPERTY	s	STORM	, LACE		AG .	LENGTH OF I	YAR	۾	8	PROPERTY	v	STORM
	DATE	BEA	ENG	TOI,	KILLED	INJURED	80	CROPS			DATE	TAT:	EN C	IDT)	KILLED	INJURED	80	CROPS	
N 11 D 1 1 1 1		<u>.</u>		#	*		<u>a</u>		L	L	١٩١	F 02		*					
North Dakota (cont			size	hail w	le re	norte	d 8 td	0 wee	t of Garrison with	Ohio (continued)	1 1						١ ,		
	crop	losses up	to 50	%. Hai	l, re	porte	d to b	e of "	huge" size, flat-	Waynesburg Area, Stark County	10	4:28p							Funnel aloft
	5:30	p. Heavy	rains	of abo	ut 3	inche	s at C	rosby	tween 5:00 and between 1:00 and	,	1								
	5:00	a. overta	ced dr	ainage	facil.	ities	flood	ing a	warehouse and base- a half hour at	Wooster Area, Wayne County	10	7:45p							Funnel aloft
	4:00	p. flooder	l part	s of Ma	in St	reet	as sto	rm sew	ers could not carry	Cleveland Area,	15	3.10=	Nan-	Short	n	2	5		Tornado
	away	deluge fas	t eno	ugh.				!		Cuyahoga County	13	3.104	row	SHOPE	٠	1			lornado
	18	1004	4	*1.5					Hail		A to	mado to	re th	e roof	off	an	apart	ment.	the roof from
maish county	exten	ding from	about	a mile	west	to a	in ar bout 3	ea abo	rut 1.5 miles wide east of Minto.		main	enance	garag	e and	dama	ged	20 ot	her h	omes in the sub s. Witnesses
Pembina County	20	Afternoon							Hai1		saw 1	ater be	ing s	ucked	ıpwa	rds	from	a swi	mming pool to a
•	Hail	two inches	deep	on the	leve.	l and	rangi	ng in	size from peas to		heigh ft.	ot of 25 coards b	feet	. Ar driven	esid int	ent o hi	told 5 var	of two	o 16 ft. 2"x 10 wo persons were
		es leveled Milton and				ror	rarms	in are	a bounded by Hall-		rea	ed for	cuts.	Dama	ges	were	set	at \$2	50,000.
10SW Hurdsfield,	25	7:30 p.	5	20					Tornado ·	Alliance, Stark	18	6:00p			0	0	5		Rain
Wells County	Torna	do touchi	ng dow	ı about					Hurdsfield moved	County									
	path.	After li	fting	storm	conti	nued	northe	astwar	farmsteads in d causing wind and		Flas	h floodi inches o	ng ca f rai	used a	n es	tima one	ted \$	300,0	00. damage afte viest damage wa
	hail	lamage in	Maddo	ck, Min	newaul	ken,	and Ch	urchs	Ferry areas.		n a	IIA6-DT	оск а	rea lo	cate	id ne	ar mc	unt u	nion College.
	28	Evening							Tornado, Funnel		leas	r reacne t 75 hoπ	aaa es su	epth c staine	d da	er b mage	reet	ıns	ome areas. At
central									cloud, hail, light-	Northern Area	28	After-			0	3	5		Electrical.
	Torna	ido struck	Addis	on Hedb	erg	arm	south	bf Par	shall 6:00 p. caus-	nor thorn in ou		noon-					•		rain, and wind
	area	caused 50	-80% d	rop dag	age.	Fun	nel cl	bud wa	000. Hail in same		<b>\</b>	evening		ļ		1	ļ		
	Weath 3/4	ier Bureau inch hail	renort	ver 3NN ted in h	Bist	thun	at 7:	25 p.	50NW Bismarck olf ball size hail		Two	Copley r	eside	nts we	re i	njur	ed, c	ne se	riously, as e beneath the
	fe11	in Regan	and 50	% crop	dama	e oc	curred	4SE R	egan. Further		tree	. The b	olt b	lew of	fa	man'	s sho	e, fr	actured his
	stati	ion KHRT 🖠	n Mind	t at 2:	45 p	at V	elva. ning o	Light ut a m	ning struck radio eter and knocking		righ	t leg in r. Ligh	15 p	laces, set f	inj	ured	an a sed л	rm an ore t	d burned his han \$20,000 in
	out	telephone	and ne	ws line	s.				_		dama	ges in t	he Cl	evelan	d ar	ea.	Oran	ge Vi	han \$20,000 in llage, a rain in less
Ohio					-				1		than	one hou	r. A	sever	e st	orm	near	Clyde	caused one
Western Two Thirds	2	1:00a-			1	?	۰5		Wind, electri-		inju	ry and c ions at	onsid Whirl	erable	wat Inc.	er d An	amage esti	, and	shut down op- 3 inches of
Of State		9:00p	١.						cal, rain, and hail		rain	fell du	ring	a two-	hour	per	iod i	n the	afternoon and an evening
				L,		. 12		L			stor	m in the	Clyd	e area	inen	es 1	err a	uring	an evening
	tens	ive dama	ge to	trees	and	pub	lic u	tilit	d rain did ex- ies over the	Dalton Area,	28	12:55p				Ì .	]		Funnel aloft
	west	ern two	third	в of t	he S	tate	. Wi	nd sp	eeds of up to	Wayne County									
	damas	ge was a	resu	lt of	tree	s fa	lling	acro	ss utility lines	Scattered Area	29	After-			1	2	5		Rain, electrica
	comm	n bulldi on. A M	ngs a ansfi	nd ven eld ar	ea m	s. an w	Light as el	ning	set fires were cuted when			noon evening							and wind
•	ligh	crop lo	ruck sses	while due to	he w	as t 1 we	alkin re re	g on	the telephone.		1		abaa						d's east side :
	Lucar	s, and S	cioto	Count	ies.	,		•	,	1	less	than on	e hou	dr. Th	e su	фurb	sof	Lyndh	urt, Mayfield
Belville Area,	2	1:30p	2.3	30	0	0	4		Tornado and hail										ere hardest his aghtning set
Richland County																			ne Counties. /
	A to	mado to	uched	down	near	the	inte	rsect	ion of Ross Road heast at 45 mph.		ton	County.	Two	men we	re i				tning near
	Pne P	barn los	t its	roof	and	two	trail	ers w	ere destroyed		Lewi	sburg, P	reble	Count	у.				
	land	therwis. Sever	e dam al re	age wa ports	s co	nfin arbl	ed to e siz	trai e hai	lers and farm l were received.	Oklahoma						İ		İ	
	A wo	man repo	rted	hearin	ga	nois	e sim	ilar	to a loud train.	Weatherford,	3	Late	2	*2	0	0	4	0	Wind, rein
	1 1		es we	re sne	ared	011	12 1		1	Custer County		Afternoon							
Lorain, Lorain County	4	6:15p							Waterspout		A br	lef but da nsive dama	magine ge to	wind a	nd ra	in si house	orm s	truck t	he area causing
	Many	macidan	te 42	tohad	a f.,	2201	0100	d hor	er over Lake		othe	s. An ap	ertmen	t house	suff	ered	roof	amage	and the walls of
	Erie	for abo	ut 15	minut	es.	The	funn	el to	suched down on		one	our, 1.66	inche	s of re	in fe	ll w	ich r	sulte	. In less than in minor floodin
	Lake	waters	brief	ly, ca	usin	ga	water	spout	•		in s	overal are	as of	the tox	n.				
Scattered Areas	8	After- noon	l		0	0	5		Wind, electrical	Crawford,	3	Night			0	0	4	0	Lightning
			'	1	1				and rain	Roger Mills County	Home	and conte	nts de	sroyed	by fi	re w	ich w	s cau	ed by lightning.
	1	evening		l	1				1						١.		3		Wind, furmel alof
		evening	£ир	to 60	mph	acco	mpani	ed lo	cally severe	SW and NE of Corn.	10	5:30p.	5	*2	10	0			
	Wind thun	evening gusts o derstorm	f up	to 60	mph	acco s re	mpani re mo	ed lo	cally severe	SW and NE of Corn, Washita County	10 Stra	5:30p.	5		0 20 ME				1
	Wind thun north	gusts o derstorm heast po r outage	rtion s wer	of the comm	ne st non.	at 2. Lig	Tre htnin	es we	fires were		Stro	ng winds,	estima	ted at	70 M	H, de	enaged	fara l	1
\$	Wind thun north power	gusts of derstorm heast por outage on but m	rtion s wer ost c	of the communication	ne st non. only	Lig min	Tre htnin or da	es we g set mages	fires were Rainfalls ex-		Stro	ng winds, Tunnel clo	estima	ted at	70 M	H, de	enaged	fara i	uildings and tree
:	Wind thun nort power commo ceed area	gusts o derstorm heast po r outage on but m ing one-	rtion s wer ost c inch	of the communication	ne st non. only commo	Lig min n in	Tre htnin or da	es we g set mages ral a	re downed and fires were Rainfalls ex- and southwest	Washita County	Stro One	ng winds, Tunnel clo	estima nud was	sted at sights ?	70 MI ei, bu	PH, de at die	emaged d not	fara l ouch	uildings and tree he ground. Wind, hail, rain
	Wind thun nort power commo ceed area	gusts o derstorm heast po r outage on but m ing one-	rtion s wer ost c inch	of the communication	ne st non. only	Lig min	Tre htnin or da	es we g set mages ral a	fires were Rainfalls ex-	Washita County	Stro One 11 Stro	ng winds, funnel clo Evening ng winds, lings in c	estima nd was ? estima	ted at sighter ?	70 MI ei, bi	or l	amaged not 4 100 MP	farm louch	uildings and tree the ground. Wind, hail, rain ged several d caused extensiv
Marysville Area, Union County	Wind thun north power comm ceed area 9	gusts of derstorm heast por outage on but me ing one- to Evening several	rtion s wer ost c inch	of the commanded were commanded were commanded were commanded were commanded were commanded with the commanded were commanded with the commanded were commanded with the commanded were commanded with the commanded were commanded with the commanded were commanded with the commanded were commanded with the commanded were commanded with the commanded were commanded with the commanded were commanded with the commanded were commanded were commanded were commanded were commanded were commanded with the commanded were commanded with the commanded were commanded were commanded were commanded were commanded were commanded were commanded were commanded were commanded with the commanded were commanded were commanded were commanded were commanded were commanded were commanded were commanded were commanded with the commanded were commanded were commanded with the commanded were commanded were commanded were commanded with the commanded were commanded were commanded were commanded were commanded with the commanded were comman	only commo	Lig min n in	Tre	g set mages ral a	re downed and fires were Rainfalls ex- and southwest Hail and rain	Washita County	Stro One 11 Stro buil	ng winds, Tunnel clo Evening ng winds, lings in c ge to tree	estima ? estima county,	ted at sights?  ted up topple	70 Mi o to 90 at 33	or lutil:	ity po	farm   louch   0 , dam les, a	wildings and tree the ground. Wind, hail, rain ged several d caused extensive blown out and
Marysville Area, Union County	wind thuns north power ceeds area 9 Hail of t	gusts o gusts o derstorm heast po r outage on but m ing one- s. Evening several he city road whi	rtion s wer ost c inch inch on Ro le la	of the commanded were of the commanded were of the commanded were of the commanded with the commanded were seen to the commanded	only only only only onno	Lig min n in o vere	Tre htnin or da cent d the moto	g set mages ral a grouprists	re downed and fires were Rainfalls ex- and southwest Hail and rain und a mile west to pull off	Washita County	Stro One 11 Stro buil dama a la wind	Evening winds, ing winds, iings in come to tree ree number	estima ? estima county, s. Se	sted at sights ? ted up topple weral p	70 Mi di, bu to 90 di 37 plate	or lutil:	maged not 4 100 MP ity po wind . Sm	farm   louch   0 dam des, and ws we all ha:	uildings and tree the ground. Wind, hail, rain ged several d caused extensiv
	Wind thun north power ceed area 9 Hail of t	gusts o gusts o derstorm heast po r outage on but m ing one- s. Evening several he city h. It h	rtion s wer ost c inch inch on Ro le la	of the commanded were of the commanded were of the commanded comma	only onmo  only onmo  only onmo  only onmo  only onmo  only onmo  only onmo  only onmo  only onmo  only only only only only only only on	Lig min n in o vere	Tre htnin or da cent d the moto	g set mages ral a grouprists	re downed and fires were Rainfalls ex and southwest Hail and rain and a mile west to pull off	Washita County	Stro One 11 Stro buil dama a la wind	Evening winds, ings in come to tree re number ows and decounty.	estima ? estima county, s. Se	sted at sights ? ted up topple weral p	70 Mi o to 90 d 37 date mas de	or lutil:	inaged not	farm louch t	wildings and tree the ground. Wind, hail, rain ged several d caused extensive blown out and l broke out some thes reported in
Union County	Wind thunk horth power ceed area 9 Hail of the slus were	gusts of derstorm heast por outage on but ming one-s. Evening several he city road whih. It he complet	rtion s wer ost c inch inch on Ro le la ailed ely d	of the commanded were of the commanded were of the commanded comma	only only onmo  cau rucks	Lig min n in overe sing mad	Tre htnin or da cent d the moto e pat	es we g set mages ral a grouprists the the trops	re downed and fires were Rainfalls ex and southwest Hail and rain and a mile west to pull off arough the in the area	Washita County	Stro One 11 Stro buil dama a la wind	Swening winds, ings in come to tree rege number ows and depounty.	estima ? estima county, s. Se	sted at sights ? ted up topple weral p	70 Mi di, bu to 90 di 37 plate	or lutil:	maged not 4 100 MP ity po wind . Sm	farm louch t	wildings and tree the ground. Wind, hail, rain ged several d caused extensive se blown out and 1 broke out some
Union County  Kossuth Area,	Wind thunk horth power ceed area 9 Hail of the slus were	gusts o gusts o derstorm heast po r outage on but m ing one- s. Evening several he city h. It h	rtion s wer ost c inch inch on Ro le la ailed ely d	of the commanded were of the commanded were of the commanded comma	only onmo  only onmo  only onmo  only onmo  only onmo  only onmo  only onmo  only onmo  only onmo  only only only only only only only on	Lig min n in o vere	Tre htnin or da cent d the moto	es we g set mages ral a grouprists the the trops	re downed and fires were Rainfalls ex- and southwest Hail and rain und a mile west to pull off	Mashita County Seminole County	Stro One 11 Stro buil dama a la wind the	mg winds, funnel clo Evening mg winds, lings in c ge to tree rge number ows and da sounty. About 3:00p.	estima ? estima cunty, s. Se of Tomaged	ted at sights ? ited up topple veral p antenz some ro	70 Mi di, bu to 90 di 33 diate as di pofs.	or lutil: glass	unaged d not 4 100 MP. ity po: s wind d. Sm n up t	farm   louch   0 dams les, au ws we: all ha: 0 5 in-	wildings and tree the ground. Wind, hail, rain ged several d caused extensive blown out and 1 broke out some thes reported in Lightning
Union County	Wind thuns north power common area, 9 Hail of t the slus were	gusts of derstorm heast por outage on but ming one-be. Evening several he city road whin tomplet Morning	rtion s wer pst c inch inch on Ro le la ailed ely d	es higute 33 rge tr for 1 estroy	only only onmo  conly onmo  con  con  con  con  con  con  con	Lig min n in vere sing mad nute	Tre htnin or da cent d the moto e pat s. (	es we g set mages ral a grouprists the the trops	re downed and fires were Rainfalls ex and southwest Hail and rain and a mile west to pull off arough the in the area Rain	Mashita County Seminole County	Stroone 11 Stroobuildama a la wind the 15	winds, funnel clo Svening ang winds, lings in c ge to tree ge number was and de bounty. About 3100p. tning set	estima valud was restima county, s. Se of Ti	ted at sights? ? ted up topple topple antenz some ro	70 Mi di, bu to 90 di 33 diate mas di pofs.	or lutil: glas: Rain	ioo MP. ity po: wind d. Sm up t	farm   louch   0 dams les, au ws we: all ha: 5 in	wildings and tree the ground. Wind, hail, rain ged several d caused extensiv to blown out and l broke out some thes reported in Lightning n fire causing
Union County  Kossuth Area,	Wind thun north power ceed area 9 Hail of t the slus were	gusts of derstorm heast po routage on but ming one-  Evening several he city road whih. Ith home of the moning e inches	rtion s wer cost c inch inch on Ro le la ailed ely d	es higute 33 rge tr for lestroy	only only onmo  co	Lig min n in overesing mad nute	Tre htnin or da cent d the moto e pat s. (	es we g set mages ral a group rists the the trops	re downed and fires were Rainfalls ex- and southwest Hail and rain and a mile west to pull off arough the in the area  Rain aused the	Mashita County Seminole County	Stroone 11 Stroobuildama a la wind the 15 Ligh \$35,	winds, funnel clo Svening ang winds, lings in c ge to tree ge number was and de bounty. About 3100p. tning set	estimated was	ted at sights?  ? ted up topple teral p antenn some ro	to 90 di 33 diate mas de pofs.	or lutil: glas: Rain	ity po	farm   louch   0 dams les, au ws we: all ha: 5 in	wildings and tree the ground. Wind, hail, rain ged several d caused extensive blown out and 1 broke out some thes reported in Lightning
Union County  Kossuth Area,	Wind thun north power ceed area 9 Hail of t the slus were	gusts of derstorm heast po routage on but ming one-  Evening several he city road whih. Ith home of the moning e inches	rtion s wer cost c inch inch on Ro le la ailed ely d	es higute 33 rge tr for lestroy	only only onmo  co	Lig min n in overesing mad nute	Tre htnin or da cent d the moto e pat s. (	es we g set mages ral a group rists the the trops	re downed and fires were Rainfalls ex and southwest Hail and rain and a mile west to pull off arough the in the area Rain	Mashita County  Seminole County  Tulsa, Tulsa County  Payne and Creek	Stroone 11 Stroobuildama a la wind the 15 Ligh \$35,	mg winds, tunnel cic Bvening ng winds, tings in c ge to tree ge number we and de county.  About 3100p.  ming set 200 damage truction s	estimated was	ted at sights?  ? ted up topple teral p antenn some ro	to 90 di 33 diate mas de pofs.	or lutil: glas: Rain	ity po	farm liouch of tank of killed	wildings and tree the ground. Wind, hail, rain ged several do caused extensive blown out and l broke out some thes reported in  Lightning in fire causing one man at a  Wind, lightning,
Union County  Kossuth Area, Auglaize County  Cleveland,	Wind thun north power ceed area 9 Hail of t the slus were	gusts of derstorm heast po routage on but ming one-  Evening several he city road whih. Ith home of the moning e inches	inch inch on Ro le la ailed ely d  of r	es higute 33 rge tr for lestroy	only only onmo  co	Lig min n in overesing mad nute	Tre htnin or da cent d the moto e pat s. (	g set mages ral a group rists the the rops	re downed and fires were Rainfalls ex- and southwest Hail and rain and a mile west to pull off arough the in the area  Rain aused the	Mashita County  Seminole County  Tulsa, Tulsa County	Stroone 11 Strobuil dama a la wind the 15 Light \$35, cons	mg winds, tunnel cic Evening mg winds, hings in c to tree ge number ows and da sounty. About 3100p. tuning set 000 damage truction a	estima vid was ? estima county, es. Se of To maged	ted at sighter ?  ited up topple veral ; vanten some ro	70 Minds, but to 90 dd 37 dlate mas de pofs.	H, do	ity pois wind. Sm up t	farm liouch of tank of killed	wildings and trees the ground. Wind, hail, rain god several d caused extensive to blown out and 1 broke out some thes reported in Lightning m fire causing one man at a
Union County  Kossuth Area, Auglaize County	wind thun horth power comments of the slus were 10 Three Prain pour 10	gusts of derstorm heast poor outage on but ming one- Evening several he city road whih complet Morning e inches rie Cree brought 11:45a	inch inch inch inch on Ro le la ailed ely d of r the	of the commander of the	only of the color	at:. Lig min n in o vere sing made nute o time to be a constant of the beautiful to be a constant o time to be a constant o time to be a constant o time to be a constant o time to be a constant of	Tre htnin or da cent d the moto e pat s. () elds anks. 5 inc	es we g set mages ral a groupristichs the rops	re downed and fires were Rainfalls ex and southwest  Hail and rain and a mile west to pull off arough the in the area  Rain  caused the heavy down- since July 8.  Hail	Mashita County  Seminole County  Tulsa, Tulsa County  Payne and Creek	Stroone 11 Stroobuil dama wind the 15 Ligh \$35, cons	my winds, tunnel cit.  Byening my winds, tings in come and debounty.  About 3100p.  About 3000 damager uction as 4100p.  4130p.	estimated was reported with the state of Tomaged a 10,0 reported at the state of th	ted at sights?  red up topple woral promerous some red to the promerou	70 Minds, bridge of the state o	M, de dit die die die die die die die die die die	IOO MP ity pois wind d. Sm up t torage ck and	farm   louch	utildings and trees the ground.  Wind, hail, rain ged several d caused extensive to blown out and the broke out some thes reported in  Lightning  n fire causing one man at a  Wind, lightning, rain  amage to power
Union County  Kossuth Area, Auglaize County  Cleveland,	wind thun north power comments of the slus were 10 Three Prain pour 10 Hail	gusts of derstorm heast poor outage on but ming one- Evening several he city road whih complet Morning e inches rie Cree brought 11:45a	rtion s wer s wer inch inch on Ro le la ailed ely d  of r t to	of the commander of the	only of the color	at:. Lig min n in o vere sing made nute o time to be a constant of the beautiful to be a constant o time to be a constant o time to be a constant o time to be a constant o time to be a constant of	Tre htnin or da cent d the moto e pat s. () elds anks. 5 inc	es we g set mages ral a groupristichs the rops	re downed and fires were Rainfalls ex and southwest Hail and rain and a mile west to pull off arough the in the area  Rain  Rain  aused the heavy down- since July 8.	Mashita County  Seminole County  Tulsa, Tulsa County  Payne and Creek	Stro One 11 Stro buil dama a la wind the 15 Ligh \$35, cons	my winds, runnel clo Evening my winds, ings in c ge to tree ge number own and de sounty. About 3100p. 13100p. 4130p. 4 500p. 4 500p. 4 500p.	estimated was a county, s. Se of To maged a 10,6 Lighte ar ?	ted at sights?  ? ted up topple veral ; vantenn some ro	70 Mi d, br to 90 di 33 date de opfs.	M, de it die 0 0 1 or 1 util: glasses Rain 1 1 util: structure then 1 1 util: structure then 1 util: structure the 1 util: structure then 1 util: structure the 1 util: structure	unaged d not 4  100 MP  tty po s wind d. Sm n up t  torage ck and z. 4	farm touch to the farm to the	wildings and tree the ground. Wind, hail, rain sged several to caused extensive blown out and 1 broke out some thes reported in Lightning one man at a Wind, lightning, rain

		CAL	РАТН	Ŧ	NO. PER	SONS	ESTIM/ DAM					CA)	PATH	Ŧ.	PER	ONS	DAM	AGE	CHARACTER
PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF 8 (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF I	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM
Oklahoma (continue	d)									Oregon (continued)								. 1	
	10100	wol sl1øhi	lly whe	in lighi	lining .	struc	k the	radio	ice dispatcher was equipment. Un- in Payne County.	D:E.	dam	percent ged in Ba s area.	ker an	d paint	Was	marre	d on d	ne hom	nd flowers were e in the Cedar
2 1/2 N Forgan, Beaver County	16	6:00p.							Funnel aloft	Pacific  Kwajalein Atoli, Marshall Islands	<b>2</b> 5	6:53 p.~ 6:59 p.	?	.2	0	0	0		Waterspout
Cleveland area,	16	6:00p.	4	*1 1/2	0	0	?	?	Wind, hail	Marenara Terange	tin.		-(no -	n u trans d	16 -	1700	an how	- 4101	ted about 4½ mil
Pawnee County	Stron	ng winds, Lameter d	estima d mino	ted at r damag	60 M e to	H, ar garde	d hai ns an	stone tree	up to 3/4 inch		eas tow	of Weath	er Bur Lus (t	eau sta ops 21	tion.	Fur and f	nel di eet) a	pped o	ut of "very dar t to shower are owly into cloud
Woodward County	1.6	6:00p 7:00p.	25	*10	0	0	4		Tornado, wind, lightning		bas	. Scatte -northeas	red cu	mulus c	Louds	, bas	es 140	0 feet	, surface winds
	C+		+1m	nu hate	Ito 7	S MPH.	amah	øed ro	causing no damage.	Pennsylvania					١.		,	3	Lightning
	util:	ity lines	Most	of the	e dam sast (	ge wa	s abo dward	at 10 Lig	thing snapped	York County	2	Afternoor	1		0	D	5		
	seve	ral utili	ty line	s and l	lew o	ut a	fuse	n an	Dectric Co-op sub-		l lic	htnina sta	fuck at	Юцt 4:	SU PM.	. LIG	ntn≀no	1 n:t a	y fire after home in York F
		4:43p.	3/4	1140	0	0	э.		Tornado		1 Ett	ers RD'2.	about	la mile	land (	ine-h	it no	ttn at	fuse box. In Newberrytown,
23 S Alva, Woods County	28 A to	mado cau			i		- 1				old bla	htning st barn and ze was a	ruck a damage tracto	barn. d two i	The other	prop	g fire rties of h	desti nearby ay and	oyed the 120-ye . Lost in the straw and an un
Oregon											det	ermined nuke ke and wa	µmber∢ berdan	f farm	tool: sulte	and to	equip the to	floo	in Dover some of a sandblast
North Powder near, Union County		1:00- 3:00p	10	*5	0	0	4	4	Rain		fil	n. Near I Intning hi	eigel taga	stown age an	\$1,00 d sto	0 dam	ge re rea.	sul ted	when a bolt of
	area	Greate	st down	pour o	ccurr	d in	the f	oothil	North Powder s west of North	Lancaster County	2	3:15 PM EDT	1/2 m 1 mil		e 0	0	5	4	Tornado Wind
	hour	and 40 m	inutes	, Flas	h¦flo:	dding	along	Wolf	rain fell in one Creek washed away		A	hundersto	m dev	loped	in th	e Eli	abeth	town a	ea and tracked
•	thre	e stacks : t two mil	of bal- es and	ed hay deposi	conta ted i	ining t at 1	35 to he ju	ns. I nction	t carried the hay of Wolf Creek		SOI	theastwar	d. Be alwned	tween C	dlumb Dhund	ia an ersto	Moun m hit	tville  Washi	it turned sout agton Boro at 3
	High	way and H	ighway	US 30.	Flo an ho	od wat ur ald	ers u	to to to to an	hree feet deep d caused one-way		PM	EDT. The	storm	then t	auche	d int	o the	Çreswe	ll area where th it snapped
	traf	fic about	five	hours.	Tree	s were	: wash	∉d out	and precious soil three feet of water		l na	er lines.	damac	eld roof	s and	toss	≜d anc	Hored	oats ashore all ee fell on a pa
	f100	ded the 1	awer f	loor of	one	reside	nce a	long t	he North Powder to the Anthony		ca	the roo	flofa	church	was	damaq	¢d, a	¢ampin	g trailer was u At Long Level h
	Lake	road gr	ade, n	dt yet	paved	1	,		,		l wi	ds loosen	ed boa	ds from	thei	and	horage	, ripp	ed shingles fro er lines were
Northern Wheeler County	4	4:30- 6:30p	40	*5	0	0	5	4	Rain		b1	own down. opled and	At Cr	eswell,	sout	h of	Washin	gton B	oro, trees were
	Heav	y thunder	storms untv c	moving aused s	nort	heast: dama	ard a	cross ocally	the northern half heavy rain caused	Columbia, Luzerne									
	rock	and mud	debris	to cov	er a	four :	ile s	tretch	of the Fossil- fields. The storm	& Montgomery Countles	1-2	Night			0	٥	4	0	Lightning
	stru	ck with h	ardest	force	in th	e Spr	y are	a when	e flash flooding 30 P.M. The										of a house, sta Damage was es
	Bolo	gna Creek	bridg	e was w	ashed	out 4	n SH	19 jus	t west of Kimberly nlock Canyon,	:	ma	ted to be	in the	thouse	inds c	do l	ars.	Cons i	derable damage it hit a house
	Kah1	er Creek	Canyon	and Pa	rrish	Cree	Cany	on. C	ne farm 2.5 miles ed away, forty pigs		fo	used by a llowed the	wirir	in light	the 1	elevi	sion s	et, si	attering the
	drow	ned and f	arm ec	ulpment	and	a tra	ller h	ome da	maged. A deep ch and disappeared		p) th	cture tube e roof of	a two-	family	dwe l	ling	n Hazi	ton.	lightning str
	comn	letely.	One fa	min on S	H 207	near	Spray	lost	1100 bales of hay cing, the business										re apparently mated at \$3,000
	sect	ion of St	ray wa	s inund	ated	and w	iter p	dured	into the basements		Th		illvi I	le area	was	witho	ut ele	dtrici.	ty; the substat
W1 17-11-	perc	ent of th	e \$250	,000 lo	ss fr	on th	floo	ding.	totaled about 10	Lawrence County	1	Early mo	1		0	0	4	1	Wind
Klamath Fails, Klamath County	,	About 2:10p	Snort	Narrow	'  '	1	5	"	Wind		To	rnado-like	winds	smashe	d th	dugh	an are	alon	McGary Road i
	Str	ong isols	ted wi	nd gust	s dux	ing t	e afi	rnooi	thunderstorm ac-		es	tablished	trees	as well	as t	eleph	one li	nes.	d downed well-
	the	West Coa	st Sho	ws carr	niaval	oper	eting	in the	ruck and trailer at city during the	Lebanon County	3	Evening			0	0	4	0	Wind, rain
	whe	n she was	blown	agains	st a c	ar ri	de in	an am	nearby was injured		In	lones town	winds	lifted	a 25	by	foot	secti	on of roof off
	Six	th Street	. The	roof s	ailed	lover	two 1	rows o:	nge near South		ga	rage and 1	.gre a	siate i		1		oy hous	
,	and	Saw Shor	in th	e 600 b	lock	of Ea	st Maj	in Str	ne roof of Tackle	Luzerne County	*	5 PM		ا بدان	0				Wind
	370	🗘 block o	f Shas	ta Way.	, Lig	htnin	d caus	sed mi	iler home in the nor damage to two it the Municipal	1			01 0	and dar	naged 0		3 c	of seve	Lightning
	Air	port repo	rted s	tronges	t gus	ts of	30 m	iles p	er hour at 2:33p.m.	Schuylkill County	Li	5:02 PM ghtning st	ru <b>c</b> k i	the !	łew Ri	inggo	d area	and i	n the Glenn Dow
Rome near, Malheur County	28- 29	Noon 28t -5:00a 29th	h 3	*3	0	0	?	?	Electrical	Southeastern	9-1	1100 cust	tomers.	- Cal	2		5		Rain, lightnin
		ightning-							proximately 4,000 itte area, located	Pennsylvania	ا در	1		1	1	'	_	_	wind
	eig	ht miles	south	of Rome	. Mo	derat	sou1	herly	winds associated		Po	rtions of	dumbe	and C	ynty	were	nund	ated di	uring the night
	tas	k of halt	ing th	e fire	more	diffi	dult.	Reta	west made the .		ef	fected, es	decia	lly Mt.	Holl:	y Spr	ings.	n sor	lying areas wer
Baker, Baker County		12:30-	rmitte 10	d safe	remov	i	catt:	le from	Rain and Hail		re G1	ported bar en was flo	dly dar	naged b	the	floor	wate to	r A 1 the of	food plant at Perces and plant.
	.	1:15p			╛.		L.				he	me collap:	sed un	der the	pres:	suire (	of the	fain s	ement wall of a
	thi	ds of th	ne Baka	r valle	ey. 1	intens	rai	tota	the southern two- led .35 inch at		W	vnesboro v	woman	receive	d hos	pital	treat	ment fo	the area. A injuries infi
	15	minute pe	eriod.	In Bal	ker, 1	ailst	nes :	ranged	11 within a 10 to from 1/2- to 3/4-		Be	rks Count	y 🖁 1igi	ntning :	destr	oyed .	pote	to chil	pesonia R.D. 1, plant with dan
	cle	ar ice.	Hail v	as repo	orted	to be	pile	i six	angular chunks of inches deep along		10	wlands and	d yard:	Ext	eris i v	e pow	er fai	lures i	roads, flooded
									potatoes, barley,	[ ]									ghtning struck

	4 3	: [	NO. 0		AATED†				ų	Ξ		NO.	OF		ATED†	
	DATE TIME - LOCAL STANDARD	_ ¥ %	PERSO	ONS DA	MAGE	CHARACTER			TIME - LOCAL STANDARD	ENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	PER	ONS	DAW	AGE	CHARACTER
PLACE	DAR DAR	WIDTH OF PAT		G	_	OF STORM	PLACE		DAR	THO	TARD I	a	60	ERTY		OF STORM
	TIME	WIDTH OF	KILLED	INJURED PROPERTY	CROPS			DATE	LIME	ENG	MIDT.	KILLED	NJURED	PROPERTY	CROPS	
Pennsylvania (contin			1-1	_   _	1		Pennsylvania (conti	نــــــــــــــــــــــــــــــــــــــ		لـــــا		لتا				<u> </u>
,	bell tower of					estimated at ped into city homes		sto				nd 4:	30 PM	and s	hortly	after midnight.
	when storm sew	ers were ur	nable t	o handle	the la	rge volume of rain. ere floating over	Do laware Cavatu		Evening	was .						
	the baseball d	iamond. Or	Busin	ess Route	15 no	rth of Emmitsburg rom the road and	Delaware County	'2	10:05 PM			0	0	3	0	Lightning
	turned it on i	ts top. A	bridge	was wast	red out	between Mount Airy alico at Denver		Ligh	tning was	the c	ause of	a fi	re at	a Cor	cord h	ome. Damage was allure in the
-	we're flooded f	rom 8 PM to	about	: mi <b>d</b> night	i In	lizabethtown fire troyed a warehouse.		west	ern part	of the	county		-po. (	,		
						to the stock of 000; and to the	Warren County	15	Shortly a	fter 500 f	t. wide		0	4	0	Tornado
	northwest of D	enver, thre	e camip	ing trai	ers we	out three miles re flooded and the			1		long					
	road to the ca sever cave-in	mping grout due to the	nds was rain.	hed out. The Quit	Lanca tapahi	ter reported a la Creek became a	•	A to	rnado tou	ched d	own for	2 mi	nutes Stree	along	Route	6 just west of ath trees were up-
	raging torrent	on the eve	aning o	of the 10	th and	wo Lebanon boys serious localized		root	ed and se	veral	large l	imbs	were	broker	off,	one of which stances damage to
	three house fo	undetions a	drumb le	d under i	the pre	n Palmyra at least sure of the ex-		bui	dings occ	urred.	Auti	lity i	pole	was sr	lapped	off and television t room of a home
	thist county  re	ported exte	e∮nsivet	trouble i	th rough	phone companies in out. Damage was		was	flooded b ing exten	the !	vind-bl	own d	ownpo	ur and	trees	fell over a home
	a half miles s	outh of Car	nipbel (t	own on re	opte li	collapsed one and 7. In Hershey,	York County	ı	Evening			0	0	4	0	Rain, wind
	holles were rep	orted on se	everal	streets.	in Co	basements; sink- lumbia County the		Hea	yy winds a	nd tor	rential	rair	s to	re a m	tal re	oof from a large
	area. Most of	the county	's sti	reams ove	rflowed	the Rothsville		swa	sped count	less b	as ement	s in	Hano	er.	the air	ome roadways and
	and vegetable	crops in q	and a	. A barn	fire w	rubbery, riowers,		a 4 Tre	,800-volt e damage o	power ccurre	d throu	d sha ghout	the	count	y.	olt line also.
	Rawlinsville a panied by high	nd power fi winds. P	allures ower fa	s caused l	oy ligh elayed	tning and accom- about 5,000	Adams County	15	Evening			0	0	4	4	Wind, rain, hail,
	closed highway	23 tempor	arily a	and repor	ted num	Franklin County		יבם	1fp)1 b	ah+	w floor	ina	n h-	emant		he Cashtown,
	72 x 24 food s	trin of ro	df fran	n a Ìu <b>en6</b> e.	rished.	h winds ripped a toppled trees and In Schnecksville		McS	herrys towr	l. Fair	field.	Gettv	sbur	a. Kin	ds da le	and Midway areas.
	a parn contain	ing large	cars	ties of h	av and	straw was hit by At Letort a gasolini		The	roof of 1	he Get	tysburg	Scho	ol D	stric	admi	ric power lines." mistration build- nd ripped off
	pump was damag	ed ∜g fire	, appai	rently se	t off b	y lightning. In service as of		sla	tes from	he roo	f and l	ightr	ing fice	plit	two ra	fters. There was
	8:30 PM.	Customers	WEIE	VI ENDUC C	Copilon	Service as or		out	six large	trees	withir	aqu	arte	-mile	radiu:	one of the trees Orrtanna indicated
Warren County	15 Early mornin	ng	0	1 0	0	Lightning		hai	las big	s mart	les, ca	using	fur	her d	amage	to the fruit crop.
	A man camping in struck by lightr				area r	ear Warren was	Danville, Montour Counties	15	Evening						ĺ	1
Erie County	15   PM EDT   50	00 wide	0	0 4	0	Tornado			7: 15PM			0	0	4	0	Wind
		2 mile lon	1				•	dir	ection of	Moores	burg a	long F	loute	642 a	nd the	veled in the n moved off in the
	of Albion, Pal o	n Route 22	6 in ≴ı	ou the as te	rh Erie	located 7 miles west County. The storm		dir	ection of	the Ke	ystone as well	Shor	way nfli	destro	ving a amage	barn and several on a home. A
	demalished 3 sub	stantial f	arm bu	ildings,	caus ing	an open field, then damage in excess		WOU	an observ d no bigg	ed a fo er than	nnel ap	proac aft c	thing of an	arrow	a hill was h	urled through the
	of \$15,000. The	roofs of ickled outw	all 3	buildings Two of th	had be e bullo	een lifted off and lings had been		hur	dred feet	a mot	ile hor	be ove	trtur	hed at	the e	moved several
	None were injure	r foundati edand no f	ons.	was actua	n accor	mpanied the storm. ghted.		was	in evide	ice the	oughou	dami an	ged rea	From f betwee	allen n Mont	branches. Damage andon, Washington-
Erie County	15 Afternoon		1	1 5	4	Rain, lightning, wind		vii	le and Je	rseyto	n.					
					. بر د ا	wind alout Creek near the	Wilkes-Barre, Luzerne Countles	15-1	6			0	0	4	0	Rain, lightning
	Charley St. Exter	sion in Fr	اعما	he was s	wiinain	from a rope across		Son	e minor f	ooding	occur	ed i	the	area	and li	ghtning struck a
	injured as he ju	mped into	drai	nage dito	h near	was critically Walnut Creek to opded cellars and	Blair County	19	n electri Late aft	l	Į	OT	a gas	Compa	0	the Wyoming area.
	Presque Isle \$to	ate Park ha noded under	d seve	ral downe n Route 9	d trees	s. On Interstate	, and the second					r lac	'	ions wi		large window at a
	from 3 PM to 6 I	M. Damage	to cr	ops, most en answer	ly fru ed at	it still on the least 20 calls dur- from lightning		\$700	service . There	stand were s	blew in everal	vard. repor	Dan ts of	nage wa f blown	esesti n out p	mated at about
	Istarted fires an	nd flooded	baseme.	nts. The	most (	damaqing fires re-		the from	area betw McKee to	een Al	toona-B outhern	alr limi	Count ts of	ty Airı Mart	ort ar	d Williamsburg J. In Roaring
	sulted in losses were busy making	of \$7,000 minor rep	and S airs t	4,000. T hroughout	he location	al utility companies ay and night. In		Spr	ng some t	rees w		octed	and		baseme	nts flooded.
,	some cellars the	e water was		· 1 .	i		Lebanon County		Afternoon			0	0	4	0	Lightning, wind
Pittsburgh	15 Afternoon		0	0 4	0	Lightning		Tal	low Co. wh	ch re	sulted	n se	ve ra 1	thous	and do	rstown Hide and Ilars damage.
	Montoeville Wi	ImerHina. N	/eronal.	and the	Birlaht	ilures in Trafford, on Road area. A		a f	alling tre	e. Re	borts o	f tre	es ar	nd shri	ubs sna	n it was hit by apped at the trunk several poles were
	leaving the sec	ond and thi	was s	ors of the	e thre	htning about 4 PM, e-story frame		blo	n over on	Route	422 be	ween	Ann	ille i	and Cle	several poles were nona. The electric telephone company
Franklin County	building extens	ive iy damag	0	0 4	4	Rain, wind,			slo,000.	e te 0	.s dama	yes a	*/	, Jour al	ine ine	Le repriorie company
·					'	lightning	Luzerne, North- ampton, Montgomer									
	Farmers suffere	d some dama ds were was	ge as	a result it and num	of the rous	rain and wind. trees and limbs	Berks Counties		Late afte				0	5	4	Wind, rain,
	downed. The ra- being struck by	dio system lightning.	of the Near	: district Chambers	was o	ut of service after wo large limbs fell									,	lightning
	onto a new corning farms.	crib and w	Ind ca	used some	hinor	damage at neighbor-		tan	causing	a kito	hen fir	e wit	h dar	hage e	dimate	k an outside gas ed at \$1,500. In
Washington County	15 Afternoon		0	0 3	0	Wind		the	Easton ar	ea ele re rep	ctrical orted.	disr In A	upti:	ons, m town 1	inor f ightnir	looding and some ng struck a fuse
	During a thunde	rstorm seve	al tr	ees were	felled	in the Washington		lea	ving the e urred in a	htire skidd	area in ing acc	dark I den t	ness nea	. Dam r Beth	ages an Nehem.	mounting to \$500 In the Quaker-
	district. At W	est Hiddle	town a	car was s	truck	by a fallen tree.		tow	n area tre ted. a sto	es wer	e uproc	ted, a Gua	elec kerti	trica: own Sh	nd tele opping	ephone service dis- Center was blown
Westmoreland County	15 Late aftern							in,	shopping	center	e sign the ma	at ro	ute of ti	109 pu He Sta	shed or	ver. Across from [ Orive-in was
+	and evenin		0	0 3	. 0	Wind, lightning		sha	ttered and West End 6	the m	ovie so nree-fo	reen	knocl of a	ed fu barn	ll of I	holes. At a farπi. as blown away. In
See reference	At Monessen lig notes at end			iamage occ	.ujr red	during two thunder-	H 1	Lan	\$dale, lig	jh tn i ng	set fi	jre to	a h	quse c	aus i ng	an estimated

		CAL	РАТН	Ę		OF SONS		ATED <sup>†</sup>	:			CAL	PATH	Ŧ		OF SONS		ATED!	
PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF I	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM
Pennsylvania (conti	nued	l)	L I	l 	 	 	<u> </u>	L 	<u> </u>	Pennsylvania (contin	nued	.)	L		L 	<u> </u>	L !	l	l
	Tho	rpe Bridge	and o	n Route	895	near	Andrea	s. T	te 209 at the Jim		th	inders torm	in th	e Marti	nsbur	g are	a. Li	ghtnin	nd during a g damaged some
	Nor	thampton (	bunty	was par	tiall	y co	ered \	ith d	s and homes. Irt and mud from	Mercer County		les, inte Evening	rrupti	ng powe	0		about	200 c	us tomers. Wind
	tre	es were up	roote	inag	path a	bout	50 ya	rds lo	County dozens of ng within Lower	Herter Country		•	me nea	r Grove			1	10 fe	et off the ground
	Rou	te 22 wind ephone cat	s unre	ofed a	barn	dama	s. A jing a	grain	ertsville on old loader and the	·	by	strong wi	hds an	d then	turne	d ove	r. Th	e trai	ler and contents 00. The occupant
Armstrong County	1	3:55 PM	,	l CS Tal	,	2	١٥	0	Lightning		re ho	ceived min les punche	orinj din i	uries. t, sect	The	roof of th	of an e rain	earby spout	house had several ing torn loose,
	Lig	htning kil	led or	e teen	ge bo	y and	inju	red tw	o others on the		ho	windows se the aw in fields	hing w	as dest	royed	s wer and	e also a bull	dozer	ed. At another damaged. Adjacent
	Van	dergrift (	olf Co	urse.	ļ. 					Lawrence, Beaver,	gı	IIII ITEIUS	were	ratten	- u.				
Philadelphia County	26	Afternoor	ļ		0	0	4	0	Wind, rain	and Warren Counties	31	Evening		İ	0	1	4	4	Rain, lightning
		hunderstor eets in th																	rains, lifting
	car	and anoth			d two	parl	ked ve	hicles			Ha	rbor Road	inters	ection.	1n	Hahor	ingtow	n \$300	old U.S. 224 at the damages resulted ision set afire.
Cambria County	1	5:10 PM			0	0	3	0	Lightning		. ∤n	Beaver Fa	lls a	boy was	stru	ıçk by	a car	durin	g heavy rainfall at the intersection
,		e bricks t							clock and knocked		on da	Routes 98 mage. Tra	9 and ffic 1	956 lig lights w	htnir ere c	ng str out at	uck a vario	house us loc	causing minor ations. Warren
Westmoreland, Washington,										1	ро	rtable tel	evisio	n set w	as bu	irned	after	lightr	In Tarentum a ling struck it with
Somerset and Bedford Counties	28	Afternoor			0	0	4	3	Lightning		ove	100 call	s of s	torm da	hage.	. In	one ir	stance	olice received lightning struck
	Dur	ing a thur	derst	rm ligh	tning	str	uck tr	ans for	mers and a house bout 2 1/2 hours	Southeastern quarter		rage used	to ho	use aut	0	les a	nd sto	are fur	niture. Rain, lightning
	and	damage to	the h	ouse wa	s est	timat	d at	\$200.	Lightning struck	Josephens Levill quarter			ptvi 11	e in No		ĺ		·	xperienced flood-
	sca In	rred the s Jerome lig	ide o	the ba	rn ar	id de: fire	troye n aho	thre use ca	e bales of hay. using an estimated		ing I flo	of roads.	Sewe ments	rs back of home	ed up	in s	ome se	ctions Dama	of Montgomery, ge was reported
									en Texas Run over- house area.		hom	es reporte	d as m	uch as	six i	nches	of wa	ter ir	acked up and some basements. A
Crawford County	29	Afternoor	1		0	0	3	0	Lightning '		Tur	otville.	There	were r	eport	s of	damage	to be	147 northwest of rms and drain tiles crop damage was re-
									nd went into a sion and wiring.		por	ted. Berw	ick re	ported	disru	ption	of po	wer li	nes when at least bia was without
Delaware County	29	1:30 - 3 EDT	1	1			4		Lightning, rain		ele \$2,	ctricity f 000 damage	rom 9: occur	40 PM to	ill i n lig	0:45 htnir	PM. I	in May 1 ock the	own an estimated roof of a house.
	Lig	ntning st	ruck a	branch	bank	in S	bringf	ield a	nd a church steenle	,	Flo	rin, Mount	Joy,	Rheems,	Neff	svi 11	e, Eli	zabeth	ed Marietta, town and points stroyed at Narvon.
	) acc	pident at	the in	<b>tersect</b>	Jou o.	† 5ta	te and	Sprou	he result of an Roads where the		Dam	age was es	timate	d at \$3	,000 b	₹. So	me tra	ffic a	ccidents were
į	tre	iffic light	t was	oput of a	ope ra	tion.	Flas	h floc	ding occurred at		Two an	fires in estimated	Elizat damage	ethtown of \$20	whice 0. I	h wei n Fra	e star nklin	County	lightning caused lightning set two
Luzerne County	29	1:50 PM			0	0	4	0	Lightning		qua	ntities of	hay a	nd stra	wat	5:50	PM and	the o	ong with large ther at New ited for burns, one
-	ing	rafters	and a	hattres	the s in	roof.	of a ttic.	consi	n Hazleton, ignît- derable smoke		for	burns of	the ey	es and	the o	ther	of the	chesi	. Franklin County y-Hummeltown area,
Schuylkill County		age was re Afternoon	1		0	٥	4	4	Lightning	Puerto Rico	9	afternoor		ļ.	0	0	0,	С	Wind, Rain
	АЬ	olt of lig	htnin:	startı	ed a	fire	in a b	arn at	Still Creek,	Aguada	ĺ.,			struck			rande		during the
	des	troying the	he str	ucture .	and i	ts co	ntents	, Ab	arn at a farm near	.	aft hom	ernoon dan es suffere	aging d dama	houses,	powe heir	roof:	es and	crops	. About ten and sanitary
Franklin County	29	Afternoon	•		٥	1	4	0	Wind, rain, lightning			llities. plantings							erops and
	At	Waynesbore	p a mai	n was t	reate	i for	cuts	suffer	ed when lightning	Rhode Island			None	report	ed				_
	std par	uck his he tment sto	ome. re whe	n Cente rain :	er Sq seepe	lare fro	much d mask	amage ylight	resulted at a de- area and penetrat-	South Carolina									
	wir	dow was b	own i	by the	for	ce of	a gus	t of w	e plate glass show ind. Dozens of s cluttered streets	Georgetown County	2	Evening			0	0	4	0	Lightning
	and Som	lawns in e 4,000 ci	some o	ppen se rs were	ction: with	of out e	southe	rn Fra	nklin County. nd about 213 tele-		CIL	OT GEOLE	e coma.	ח משמנס	7 8 DO	41t 201	() fride	he and	ion system in the damaging the sys-
	pho	ne lines v			rvice	e.					tem	severely.	Othe	r lighta	ning	Btrik	es did	consi	derable damage to
Montgamery County		Day	inc.	of 11	0	0	3	0	Lightning places but damage	North Spartanburg County and Cherokee									
		minimal.	eports	or rigi	ומות	nit	ting s	everai	praces but damage	County	3	4:00 to 7:00 p.			0	1	4		Thunderstorms with
Leigh County		Day			0	0	4	4	Lightning		Thur	derstorms	with :	rain, h	il a	nd da	maging	winds	struck in Ference
		wo-story htning ig							vily damaged after		ity	about 5 m	lles n	orth of	Gaff	nev i	o.m. i	n the	Grassy Pond commun-
Lawrence County	29	Evening			٥	0	4	.0	Lightning, wind, rain		7 P•	m., winds	retre	l trees.	dow	bed of	hwer li	ines. 1	by between 6 and broke windows in about 6:30 p.m.
	Ļį	htning ca	used a	n estim	ated	damag	e of \$	4,000	to a house in		burg	) a house	traile	r was b	prin lown	over	and s	miles uffere	north of Spartan-
	Ra	ppery Roc nwater pu ne downed	shed d	irt and	rock	e lig sont	ntning o many	stree	d \$100 damage. ts and there were		A WU	man occupa ge was don	nt or	the tra	ller	Was 4	bnlv Bl	Lightl	riniured. Other
Huntingdon County	i	Evening			0	0	4	0	Lightning	Chester County	3	6:00 p.			0	0	4	í í	Thunderstorm with
	At	8:30 PM a						unting	don along Route 26		Stro	ng winds s	truck	a small	ares	near	Lowr	s abou	high winds it 7 miles north of
Blair County	was 29	struck b Evening	y ligh	tning c	ausin O	g est 0	imated 3	damag 4	es of \$5,000. Wind, lightning		eral	tons of h	rge ba ay in	rn was the lof	demo]	ished	er par	lue to	the weight of sev-
See reference n			 	  -					,	1	M-TH	тив джо со	ws and	injuri	na se	veral	other	rs. Ar	other building ot turned over.

1						<u> </u>						Г				Γ		
	DATE TIME - LOCAL STANDARD	PATH	Ę	NO. 0		ESTIM/ DAM		:			TIME - LOCAL STANDARD	PATH	Ę	PER	OF SONS	ESTIM/ DAM		
- PLACE	l Sign	LENGTH OF I	WIDTH OF PATH (YARDS)			Ł		CHARACTER OF	PLACE		B. L.	OF (	WIDTH OF PATH (YARDS)			2		CHARACTER OF
	"   "AB	E TH	F A A	E	NJURED	PROPERTY	8	STORM			, EE	STH S	F S	8	INJURED	PROPERTY	S.	STORM
	TIME	Ë	.QI	KILLED	3	PRO	CROPS			DATE	TIN	LENGTH OF (MILES)	Q. ¥	KILLED	3	8	CROPS	
South Carolina (conti	inued)				L				South Carolina (con	tinu	ed)	L	! !		1	1		
_ js	Several trees	were do	owned a	nd mer	y li	шра ра	oken i	rom others.	Horry County	28	3:30 p.			0	3	0	0	Lightning
Aiken County	3 4:00 to 7:00 p.			0	2	4	0	Thunderstorms, high		A th	understor	m with Pew mi	consid	erabl	e lig	htning	struc	k the Surfside t knocked out
ļ.		n]debe					443	winds, hail about 4 p.m. A		most.	of the w	ater p	umoine	ecuip	ment.	and ca	used a	two day water ng or shocked by
	roman and her	nine ye	ear old	daugh	hter	were i	n the	trailer and had to		tne	excessive	stat1	c elect:	ricit	r but	neith	er was	seriously injured.
·  t	reatment but	were ap	pparent	Ly not	ե <u>in</u> j	ured a	erious	to a hospital for ly. At about 7		by ]	ightning	mich	apparen	tly e	htere	d thro	igh a	struck or shocked window. He was
:  S	come roofs wer	e damag	ged by	the he	ail ar	nd it	knocke	e as golfballs. d tree limbs onto	South Dakota	nost	Teatized	OF 10	ir days	Dut	вррат	ently	recove	red completely.
i i		l I	l t	1	- 1		l	cked a few roads owned building	Near Hudson, Lincoln County	1	5:30 - 5:45 p	?	?	0	0	4	0	Tornado
	as damaged ex			1	100.	01 u	Comic	owned building		The	_	wed f	rom NU I	to SE	dama	pine s	everal	farmsteads.
Greenwood County	4 4:30 p.			1	0	0	0	Lightning	Bankan Banasiand	1	5:30 -	35	4400	0	0	4	5	Hail and wind
								f her car at her	Parker, Beresford, Hudson area, Lincoln	1	6:00 p	"		"				.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	minutes later		эле жа	s clead	ıon	arrıva	T BC 8	hospital a few	and eastern Turner Counties		averagin	1 in	h with	larg	est t	0 3 in	ches c	aused up to 100% ng and 2 to 3
York County	4 5:00 p.	ļ.		0	0	4	2	Thunderstorm with	· ·	crop mile	s wide.	er a	poetry	pacn	ļ .		165 10	ing and 2 co 5
		,						high winds, rain	6SE Hudson, Lincoln Co	1	6:00 p							Funnel cloud aloft
:	east of the t	DWD OX	Clover	in no	orthe	rn Yor	k cour	and a few miles	Deuel County	1	6:15 -	20	*1 1/2	0	0	4	6	Hail and wind
1	some by trees	which	were b	lown d	down	and fe	11 on	ensive damage, them. Minor roof	1		9:00 p		3					
	ished. Power	was di	isrupte	d in t	the e	astern	part	damaged or demol- of Clover for two	,	inte	rmittent	heavy	damage	to cr	ops ε	and som		nd wind caused dings along a path
1	hours. Some	crop de	amage w				-				SW corne	i '					,	No.41 and 1
Spartanburg County	8 4:45 p.			0	0	5	0	Thunderstorm with high winds, rain,	5N Groton, Brown County	6	Late	?	?	0	0	0	4	Hail and locally heavy rain
	High winds st	ruck t	he sale	s lot	a of	two mo	bile h	hail ome dealers in										damage in a local
i I	and others da	naged.	At the	e othe	er lo	cation	, two	omes were destroyed mobile homes were			. Unoffi	¢ial r	ainfall	ļ			repor	
	badly damaged and a nearby	The	office	of a	Btate	e sens	tor wa	s badly damaged	Davison, Hanson, Hutchinson, McCook,	14	About 12:00 -			1	2	7	7	Tornado, funnel aloft, hail and
	8 Afternoon			0	0	4	1	Lightning	Turner, Clay, Lincoln, Minnehaha, Yankton and		4:00 p				į	Ì		wind
		İ	chtning	dest	royed	the u		loor of a large	Union Counties	A 11	ne of sev	ere th	underst nd larg	e hai	nove	d acros	s the 1 aver	area from NW to SE aging 1 to 2 inches
		ne. Th	ne firs					tensively by water		side	rable dam	age to	buildi	nigs a	und au	ucomobi	les.	damage and con- The largest hail
Horry County and									İ	in t	this area	that h	ad an a	verag	se boi	dy dama	ge by	any automobiles the large hail of
	15 & 16			0	0	0	5	Thunderstorms, hail wind, rain		abou	it \$300 ea E in Mario	ch. I	he larg parentl	e hai	mos	nt thro	ugh a s <b>iv</b> e d	3/4 inch plywood amage from this
1		d rain	caused	Boot	Ly bu	t exte	nsive	damage to the		sto	rn was alc	nng a b	road ba	nd fr	om M:	ichell	throu	gh Parker and p damage by the
<b>!</b>	tobacco crop	in Horn	ry and i	north	easte	rn Geo	rgeto	n counties over a understorm knocked		hai:	. Numero	us wir	dows we	re br	ken	and re	pfs da	maged. The hail 75,000 property
1 1	over a glant Sherwood Fore	slide s	and ove:	turne	ed th	ree so	phil h	buse trailers at		dama	ge in Tu	mer Co	enty.	‡n Li	inco1	n Count	, the	hail caused an property damage.
1	16			0	0	3	1	Thunderstorm with		A to	rnado 6 n	les r	orth of	Bere	efor	d on In	tersta	te 29 picked up a
								high winds, hail		a pa	ssenger a	t 2:30	p.m.	A fun	mel .	cloud a	Loft w	as sighted at hospitalized with
	Several trees	were	uproote	al and	some	brok	n off	ished by high winds. Hail covered the		int	ries wher	high	winds b	lew h	ulm f	rbm a t	aystac	k near Yankton at t the Yankton
	ground for a smaller than			The 1	arges	t hai	stone	were a little			ort at 2				1	7		
Bamberg County	16 5:00 p.		ĺ	0	0	4	0	Lightning	Near Clear Lake, Deuel County	14	2:15 - 2:45 p	4	*2	0	0	3	5	Ha11
								in the town of		Had	1	inches	caused	exte	ens tv	e dama	e to	rops in area.
1								store was completely rtially demaged.			na moved i				1010	- suma		
Darlington County	16 Evening		1	0	0	4	0	Thunderstorms with	Tyndall-Scotland area, Bon Homme County	17	7:00 - 10:00 p	40	*15	0	0	4	5	Wind and hail
			1					high winds		Hai		to má	tble si	ze ac	comp	anied 1	y stro	ng winds damaged
[	west of Darli	ngton.	Some	pine	trees	were	bent	bout 7 miles south- to the ground, fs were damaged.		cro	ps in porteral farms	ions o	f area.	Wir	nd car	used da	mage t	b buildings on
1	A tobacco bar	nn was	demolis	shed,	a por	ch to	n off	and a trailer was	40N Pierre, Hughes	18	2:10 p			0		4	0	Tornado and funne
Alben Combe	moved to a ne	m sire	by the				_	Windstown water	County									cloud aloft
Aiken County	22 8:00 p.			0	0	4	0	Windstorm, rain- storm		Two a m	funnel c	louds v	ere sig	hted,	one Inin	touch	d down	briefly destroying houseboat anchored
	Two large she	ds wer	e flatt	ened	by hi	gh wi	nds wh	ich struck the		nea		ipped o	ver by					e aboard but they
	78 at the so	utheast	ern edg	ge of	Aiker	coun	ty. A	es on U.S. Highway n unoccupied two	40NE Pierre, Hughes	18	2:10 p			0	0	0	0	Tornado
]	Some damage t	was don	e to a	home	in th	e sam	e ares	remaining standing. Torrential rains	County	1	_	rnado	touched			open c	untry	with no reported
1 1	were falling	at the	£1106 O	1				Wat ananau t			age.				-			
053t 0 ·	25 5:00 p.	har-t	<u></u>	0	0	0	0	Waterspout	Near Watertown, Codington County	18	3:50 p			0	0	0	0	Hail
Charleston County	did no damage	•	a aom	prief	נ עו	arres	JSew	df Charleston but	,	Hai	l from pe	size	up to 1	3/4	Inch	fe11	ut no	damage reported.
		al l		0	0	0	4	Thunderstorms with high winds, hail,	Near Huron, Beadle County	18	About 4:30 p							2 Funnel clouds
Charleston County  Darlington County	28 Afternoon		1	1 ,			1	,,	1 1 Source	1	1 +.50 P	1	f.	1				1
							İ	rain	Near Castle Rock.	21	Night		ĺ	0	0	4	0	Lightning
	Tobacco field	by marb	de-size	ed hai	l whi	ch wa	s driv	st of Darlington on by high winds.	Near Castle Rock, Butte County		Night	rack a	rural s	`	"	4 e. It	0 was fi	Lightning
	Tobecco field were pelted i Some 150 to 2	by marb 200 acr	le-size es of t	d hai tobacc	l whi	ch wa dama	s driv ged ex	i		Lig	Night htning str tilizer a			hoo]	lhous	e. It		Lightning

		OC AL	PATH	Ħ.		OF SONS		AAGE	A11:0:07			CAL	PATH	Ę.	NO. PER	OF	ESTIM, DAM		
PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM
South Dakota (cont	inue	 i)	1			1		ļ		Tennessee (continue	ed)	]	` '						
									atest damage	Blownt County	29	4:00p.m.			0	0	3	0	Wind
	des	royed and	2 air	planes	were	danag	ed at	the Mi	ngars were lbank airport.		Str	ng winds	lanage	Louis	ille	Boat	Dock	on For	t Loudon Lake a
	at a	bout 4:30	D.m.	Hail c	dused	Spot	tv dan	nage to	Milbank airport crops in area,	Texas	cau	ed scatter	ed ot	ner dans	rge o	rer t	he cou	nty.	
70E Bb.la B.b	!	5:00 -	1		1				emy Swim Lake.	West Orange,	24	4:45 р	Short	Narrow	0	0	3	0	Tornado
SE Rosholt, Roberts County	29	6:00 p	7	*3	0	0	?.	?	Hail and funnel cloud aloft	Orange County	A a	mall torna	do str	uck the	4800	blo	ck of t	Vestmo	re Avenue in We
	Hai!	from 1/4	to 1	/4 inc	hes c	used	undet	ermine	d damage to crops										s, fences, and rage building w
50 Colby Volumeth	1		ec cim	e or ru	ĺ	1	1	1	t reported.			ped off a							
5S Selby, Walworth County	29	5:10 p		İ	0	0	4	0	Tornado	Baytown, Harris County	4	5:30 p	?	?	. 0	0	1	0	Windstorm
OOF History		tornado d	estroy	ed a gr							did	lan estima	ted \$1	lo.000 d	lama od	to.	shop	ing c	s in Baytown an inter and other
OSE Watertown, euel County	29	5:15 p			0	0	0	0	Tornado		bus	inesses un	der co	nstruct	ion i	na:	our-b	ock a	ea on State n and half a
	dama	ado appar ge.	ently	touched	down	in o	pen co	untry	with no reported			en were sw							
astern half S. D.,	30	About			0	0	5	6	Severe thunder-	15 NW Austin, Travis County	4	6:00 p-	Short	Narrow	1	4	ե	0	Tornado, windstorm
Marding, Perkins and Corson Counties		3:30 - 10:00 p			ĺ				storms with hail, wind and 4 funnel	114415 Soundy	١, ١	_	ام مسا	hiah +		mat -			
				l			ĺ	1	clouds		are	as on Lake	Travi	s north	west	of A	stin,	resul	ed through res
	Up t	o golfball a causing	size an est	hail w	s re:	orte 000 da	in a	5 mil	s square area near ps at about 3:30		doc	k was redu	ced to	a twis	ted r	ass	of meta	l by	
	p.m.	Hail up	to 2 1	nches	ause	ext	nsive	damag	to crops in an ka and also in an		und	lerneath th	e 100	foot lo	ng do	ck.	Althou	gh 1n	ife were caught jured, Collier'
	area	10 m <b>il</b> es	long a	nd 3 m	les v	ide :	south	of Eur	ka. Spotty areas Funnel clouds		wer	<b>e</b> injured	at the	Hurst	Creek	doc	ks. Tr	e sto	other persons
	alof	t were rep	orted	as fol	lows:	Two	SSE F	restb	rg at 6:53 p.m.,	*	Lak	eway area, is off sev	two m	iles ea	st of	the	Hurst	Creek	dock, ripping
	Hai!	up to ba	seball	size d	stro	yed t	nousar	ds of	alls at 8:50 p.m. acres of wheat		Sev	eral perso bitalizati	ns wer	e injur	ed by	fly:	ng gla	ss but	none required
	cour	ties. Cl	oud se	eding t	o sup	and press	feed c	rops 1 vas be	n the northwest Ing conducted in		was	driven th	rough t Cree	the rooks	f of	the l	ichard	Gant med in	lakeside home to the Gant's
Tennessee	the	area duri	ng the	storm.							1114	ing room o	ut inj	urea no	one.	P-1	o urop		TOO GIE GALLO S
Tempessee	ļ		İ						1	Crosby, Harris County	4	1		Narrow	1 1	1	4	0	Tornado
Bristol,	2	8:30 p.m			0	2	0	0	Lightning		uti	lity poles	, and	damaged	the	roof.	of se	veral	ed down severa houses in the
Sullivan County	Two I	ristol yo	uths r	eported	hosp	itali	zed ai	ter 11	ghtning struck at		Cro	sby commun	ity in	easter	n Har	ris !	founty.	near	Lake Houston. when the torna
Di		nia Inter	mont C	offede.							str	ack, suffe st, should	red mu	ltiple	lacer	ation	s of t	he fac	e, and bruises
State	3-4		ļ		1	0	4	0	Wind, lightning, funnel aloft	15 NE Nederland,	8	9:26 a							Funnel aloft
	Limbs	and powe	r line:	Pol	ice s	ighte	d funr	el clo	ined to broken tree ud two miles north	Orange County		,							rumer atoru
	Field	s was fou	nd pre	sumably	drow	hed i	n caps	ized f	body of Seth ishing boat follow-	Vidor, Orange County	8	5:00 p	?	?	0	0	0	0	Hailstorm
	ing a	thunders	torm o	n Reelf	oot L	ake 1	n Lake	Count	y.	orange country	Hai	up to 1 damage was	3/4 in	ches in	diam	eter	fell a	t Vido	r in Orange Cou
Clarksville, Montgomery County	3	6:50рж.			0	1	Į	0	Tornado	10 E Nederland,	12		repor	rea.					
	west	of Clarks	ville.	One n	erson	VAS	injure	d in a	iefly ten miles n overturned mobile	Orange County	1	5:45 a							Funnel aloft
	home .	Several e was est	trees	had li	ebs t	orn a	way by	the t	wister. Property	-		r Bridge C	ıty.						
Old Hickory Lake,	3	8:00-		.,,				İ		Galveston Bay- Trinity Bay,	12	9:30 a- 10:15 a							2 Waterspouts
Davidson County	_	9:00p.			4	2	5	0	Wind, lightning	Galveston and Chambers Counties	Sev	ral water	spouts	observ	ed in	Galv	eston	Bay-Tr	inity Bay area.
-	Four	persons,	6. A. 1	faddux,	56,	homa	s J. N	cMaen,	Jr., 20, Harold W. tree, 16, were		Two	funnels a	loft o	bserved	near	D1.ck	inson.		
	drown	ed when t	heir bi	-foot	cabin	crui	ser ca	osized	on Old Hickory ersons managed to	4 ESE Danbury, Brazoria County	12	11:35 p							Funnel aloft
	cling	to the b	oat un	il res	cued.	Com	Bidere	d to b	e the worst boat-	12 S Nederland,	13	10:45 a-	Short	Narrow	0	0	0	0	Tornado
	leshe	d by high	waves	just b	fore	the	boat c	apsize	e deck being d. Across Old and severely	Jefferson County		11:05 a				Ī			
									and severely rk in Hendersonville		A sr	all tornac	io tou	hed ear	rth b	riefl High	y near	the d	rawbridge spann funnel lifted
Memphis,	20	3:00a.m			0	0	Į,	0	Lightn <b>ing</b>		with	out causi	ng any	damage	. 5.	gi	ay U	1110	immet mired
Shelby County	Light	ning prob	ably c	use of	fire	to h	ouse.			14 WNW Galveston, Galveston County	13	1:25 p							Funnel aloft
Shelbyville,	22	p.m.			1	0	0	0	Lightning	10 ENE Palacios,	14	6:25 a							-
Bedford County	Light	ning which	ı stru	k house	, kd	lled :	а 17-у	ear ol	d girl as she	Matagorda County	14	0:29 a							Funnel aloft
	anawe 22	red the to	lepho	ie.			-0		74.24.4	SW Galveston, Galveston County	14	8:32a	,						Waterspout
ockwood, came County		p.m.			0	0	3°	C	14ghtning		41.	0.10 .							
			Ilre (	estro <b>y</b>	1 1	- 1			an near Rockwood.	Brazoria County	14	9:10 a				, ,			2 funnels alor
offee County	22	5:00p.m.			0	0	ų°	C	Wind, lightning		of	funnels a Brazoria C	ounty;	ere sig neithe	nted r fur	ın ti nel	e Lake touched	Jack eart	son-Angleton are
	of t	he county	Roo	s were	dama	ged,	able d trees	emaga uproot	in different parts	Jim Wells County	14	11:40 а							Funnel aloft
	leve	led and p	wer 1	Lnes bl	own d	OWD.			ļ	Near San Benito,	15	10:40 а							Funnel aloft
emphis, helby County	27	3:10p.m.							Funnel aloft	Cameron County	ĺ							Ì	•
	Smal five	l funnel miles no	cloud th of	on edge Memohi	of t	nunde	rstor	repor	ted by pilot twenty	12 W Henderson, Rusk County	20	Night			0	0	ù.	٥	Lightning
	29	p.n.	" "			0	цo	С	Hail, heavy rains		Fir Far	a caused by	y ligh miles	tning o	estro	yed dere	large	barn	on the Miller
reene County			, [		, -	-	*		Maril Levins	1					- 11613		un	- war	TOTAL OF MIS DELTA
reene County		-		1m +1-	Mah	,	nd Wala	nam u-	munities.		1,0	feed of	nay!	a trad	tor,	a twe	ton t	ruck 1	oaded with sack ed. Total loss

		OCA1	РАТН	, \ \		SONS	ESTIM/ DAM		CHARACTER	-		,00CA1	PATH	¥ (	PER	SONS	ESTIM/ DAM		CHARACTER
PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	OF STORM
Texas (continued)  16 W Houston, Harris County	21	1:13 p							Funnel aloft	Virginia (continued)	Vti	lity line:		any tre	es d	wn w	th so	ne of	the trees up to 3
3 W Chase Field	21	8:10 p							Funnel aloft	Warren County		t in diame About 5 p.m.	Short	25	0	0	3	0	Tornado
Bee County  16 SE Corpus Christi,	22	12:09 p							Funnel aloft		fen	mell torna	do des						a swimming pool, a Aasanutten Camp
Nueces County Palestine	25	Afternoon	?	?	0	2	?	0	Windstorm	Northern Virginia	9, 10				0	0	3	0	Rein
Anderson County	High	thunders	torm :	inds bl	ew or	ıt a	arge 1	late :	lass window at the		amo	unt of flo	oding.	Four	Mile	Run 1	ear Wa	shingt	and a small on had water four
	min	or cuts.	Severe	1 trees	bore	lerina	the c	lub's	men suffered property were also		num	er of str	eets i	n Richm	pnd w	ere ı	nder w	ater o	ng evacuated. A n the 10th.
	QOM!	n the midd	le and	rge tre fell a	es ne	ar the	roadwa	y sent	rance were split cart shed was			cked by hi			were	repor	ted ar	d some	highways were
	cane	iged.								Louisa County	15	Aftn			0	0	٥3	С	Wind, Hail
5 SE San Juan, Hidalgo County	26	11:55 a							Funnel aloft										buildings and rom ground level
7 NW Gruver,	30	6:40 р							Funnel aloft		to win	about 10 f	eet up	. Some	dama	ge to	crops	occur	red from hail and
Hansford County										Danville	15	1:30 p.π						l	Həil
	9	4 p.		!	0	0	5	2	Heavy rains		Hai			ree-qua	rters	incl	in di	ameter	reported
evier County									and flooding	Franklin County	19	Aftn		,	0	0	0	4	Hail
	- 1	A flash f. above Moni	roe Car	yon cau	sed	exten	sive d	amage			An	estimated	15 far	us in t	he Gl	ade I	ill ar		crop damage,
	- 1.	to the lo	άt 20,	000 dol:	ars	damag	e to t	he			mai	aly tobacc Burnt Chi	o due	to hail	. Fa	rms i	n the	vicini	ty of Rocky Mount
		park and l	Tota	and f. damage	est	ng or imate	d at n	ear		Northern Virginia	20	Aftn			0	0	3	0	Wind
alt Lake County	21	75,000 do. 4:20 p.	liars.	,					Funnel clouds		Hig	h wind unr	oofed	a gasol	ine s	tatio	n and	blew d	own numerous
alt Lake County	i	A pilot n	honte	2 5 100	001.0	louds	one	ne_	Tunner Crouds		tre	es. A TWA	Jet r	eported	funn	è1-1i	ke clo	uds ir	the vicinity of
		tracting south of	and on	e exten	ding	about	5 mil	es		Shenandoah County	27	Aftn			0	0.	4	0	Wind, Rein
		ground.	11.01	12.	,	""													nd part of a barn
eber County	22	8:20 p.				ļ			. Funnel cloud			f, turned a dwelli		large	truck	and	a silo	, and	uprooted a tree
		A funnel north of to touch	\$alt [	ake Cit	erved	abou did	t 25 m not a	iles ppear		Roanoke	29	Aftn			0	0	3	٥	Wind, Rain, Lightning
Vermont																			nal light, and Ightning caused
entral and south	12	P.M.			0	0	4	4	Hail, wind, lightning		sev	en fires. its electr	One 1	arge de	parte	ent a	tore h	ed to	close due to dama
		Scattere to 3/4th	inch	diamete:	r in	hany	locali	ties		Franklin County	29-3	1	[		0	0	0	4	Hail
		and up to damage by utility	wind	and li	ear M ghtni	ng, w	bury. ith lo	Some	1		hai:		the :	3rd and	4th	and t			orms along with ed the most crop
entral and south	26	P.M.		Ţ.	0	0	4	2	Wind, lightning	Washington	uam	age in the	count	since	1962	1			
	_	Scattere			thun	derst	orma,	vith		Benton County Rattle Snake Hills	4	8:30 PM	4	]				4	Hail
entral and south	28	P.M.			0	0	4	2	Lightning, wind,		the	Rattle Sn	to 1 ake Mo	inch in untains	dama	ging	an est	imated	on the slope of 1000 acres of who
		Scattere	d inst	ances o	-				hail	Benton County	25	4 - 16 PM				l	Deat 1	Canh	Funnel cloud Mountains, abou
U. S. Virgin Islands				NE REPU		•					0 m	illes SSW n	fthe	Battell	e Met	corol	21CBl	<b>Pratic</b>	a and 20 miles MN reach ground.
-				1							Sev	ere thunde	rstorm	activi	ty in	ares	Sev	en gra	s fires started
Virginia Fluvanna County	,	4-5:45 p.	,	2000	0	0	3	3	Tornado	Whitman County	27	tning.						5	Thunderstorm-rai
riovanna country				ł			1		Fork Union and	Pullman area		overs them	dersto	rm, rai	n and	hail	in th	e Pull	man and Colfax hsive damage to
	alc	ng route	\$ to (	olumbia	Ma	ny tr	ees we	re do	med with some on ed off. Some		CTO	ps, severe perty.	soil	rosion	pow	er ou	tages	and so	ne damage to othe
	min	or damage	to cr	ops.						West Virginia	Pro								
Central Virginia	2	Aftn and Evening			0	0	04	С	Wind, Lightning Hail, Rain	Quinwood, Greenbrier	1	early mo	ming		0		4	0	Rainstorm
	Are	_	he Blu	ıe Ridge	to e	est o	F Rick	nnond s	were affected by	County	177.0	h Moode	Hit th	e commun	nitie	d of	minwo	dd and	Leslie as 3 to 4
	nua	erous sto	nus.	Most of	the	area	was wi	ithout	power for various and trees on the		fall	ling about	10:30	p.m. J	une 3	wit	h the	irst 20 veh	in first began looding reported icles were damage
	lir	es. Many	house	fires	were	tepor	red in	the E	Lchmond area. The			the high w			-				
	col doz	lapsed by ens of tr	high affic	winds. acciden	Heav	y rai	rop c	a coni	and partially ributing factor in due to hail	Iaeger, McDowell County	2 Thre	evening	a mo	ther an	3 d her	0 two	0 daught	O ers, W	Thunderstorm ere electrocuted
	occ	urred in	the Ri	inggold	area	of Pi	ttsylv	zania (	County. Numerous Lines, houses	Councy	by:	a fallen h	ıi⊈h vo	litage w	ire w	hen t	they go	t out	of their car to wer the line.
,		cars.							-	Morgantown	1	evening	"		0	2	4	0	Lightning
Pittsylvania County	4	Aftn			0	1	04	С	Wind, Hail	Hot Sertown	Lig	htning set	fire	and des	roye	da	church	severa	I miles south of
	the	ee tobacc	d barı	ış, blew	over	a mol	le ho	ome in	rom a stable and juring slightly		"ba	ll of ligh righ. A si	tining" x-year	as he	atten y was	pted bur	to ans ned the	follo	e call from the
	Mrs the	. Connie	duilli Wall	iams who Iackson	was hotel	insid lin I	ie. A Denvill	prote:	tive barrier around demolished by the		sam	e area whe	m he c	limbed	a tre	e and	i came	n cor	tact with a downer
	win	d. Count	y-wide	utilit	y ser	the	vas ir Sandv	Level	erea.	Unntington	111g			1	.	. 0	0	0	Lightning
King William County	9	4 p.m.							Wind	Huntington	Af	isherman v	ras kil	ded on	the !	lest 1	Virgin:	ia side	of the Ohio Rive
	ı	1	1	1		1	1	1	1	11	1,,,,,	er a tree	dhout	20 feet	·   from	the	Inton	th adm	

JULY 1970.

	AL	PATH		O. OF	ESTIM.					AL	РАТН	r		. OF		ATED†	JOTA 1834
PLACE	DATE TIME - LOCAL STANDARD	LENGTH OF P. (MILES)	(YARDS)		PROPERTY	CROPS	CHARACTER - OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF P. (MILES)	WIDTH OF PATH (YARDS)	KILLED	NJURED	PROPERTY	CROPS	CHARACTER OF STORM
Wast Winning (ann)	السنسلت	2 3	= =			5		Wisconsin (asstinu		o ⊣	L3	*	፱	_ <u>z</u>		5	
West Virginia (conti						_		Wisconsin (continue		mbia Coun	:1 es.	Funne)	alof	t sig	hted r	ear De	erfield.
Beckley	30 6 p.m. High winds pre tree Which cru						Windstorm y limb off of a	Grant County	29 Barr	5 am on Murle	y farm	near B	O Luse R	O	ų dest <b>r</b> o	heq pa	Lightning lightning.
Wisconsin					_			Brown County	30 Bri	12:05 p	m in	open co	0 unt <b>ry</b>	0 10Nk	0 Green	O Bay.	Tornado
Western and Central Counties	1-2 Night Strong thunder						Wind mage around n and Pittsville.	Southern Counties	31	pm			1	0	6	5	Wind, rain, hail
	Funnel clouds	aloft si	ghted at	, ßan. C	laire	and Al	ma Center around buildings and	·	f.oC:	rosse ares	a sarl	r after	noon	and c	contini	ied ESE	Winona and -ward just north-
							on Cary Bluff.		Win	i gusts re	ached	a recor	d of	87 mul	les pe	r hour	s by late evening. at Madison Air- east of Airport
Iron County	2 2 am Lightning fire	destroy	0 shoppes	outh o	lı f Hurl	0 5y.	Lightning		whe	e several	barns aidera	were f	latte age o	ned a	nd hal	f a do	zen mobile homes
Sheboygan County	2 Lan			0	lı .	0	Wind		fie.	ds. One	woman aloft	camper reporte	dille dat	d nea LaCro	r Bar	Anothe	tres fell on her. r cell farther
Oconto County	Mindr wind das 3 10:25 a	mage in P	TAMOREN	area.	0	o	Funnel aloft		sou	th produce	il in	ch hail	at #	ockvi	lle i	Grant	County.
oconto county	Reported by Sh	eriff ne			V	U	rumer arost	Price	31 A vo	pa une Branta	ood m	ther of	1 four	0 Mr	0 . Ger	0 ald St	Lightning sinbach, 29, kille
Douglas County	7 4:45 p Tornado movins		00 0		0 Dtafr	0 Dan nea	Tornado r the Carlton =		inst	ently wher	struc	k by li	ghtni	ng.	She h	ad gone	to the basement
	Pine County li damage except	ne inter	section						the	floor near a chunk of	a dra	inpipe oncrete	when four	ligh ndati	tning on.	struck	her after tearing
Portage County	7 3:00 p	2 1	00 0	0	l <sub>i</sub>	0	Tornado	Wyoming				E R	1	į			
	Tornado moving destroyed a ma						of Bancroft and sw school.	"	ľ				[				
Iron, Vilas Counties	7 7:00 p	skippi	ng 0		5	0	Tornado	Delaware	2			,				İ	
	property rough	ıly albng	d did ex line fr	tensiv om Win	e dama; cheste:	ge to r thro	woods and lake ugh Boulder Junc-	Bridgeville	2	5:30 a.			0	0	3	0	Lightning
Barron County	tion to Conove	·	0		0	Į,	Hail			tning-spar cream shop		re caus	ed co	nsid	erable	damage	to a roadside
Barron County	Egg sized hail	fell at				4	i nerri	Southern portion	4	4:30 p			0	3	5	0	Wind, rain
Marathon County	7 9:00 p Large barn wit	h some 1	0 ivestock	O and m	i achine	0 ry and	Lightning a milkhouse		Thur	6:30 p.		nand ad	h				and heavy rain,
	burned on Both	e farn n	ear mort	h of S	tratfo	rd	,		brou	ght damage	to so	attered	area	18. 1	inds	struck	a trailer park el trailers and
Clark County	7 Evening Barr and machi	ne shed	0 destroye	d byr 1	4 ightni	0 ng fir	Lightning e on Syth farm		dest	roying at	least	two mob	ile h	omes	thre	e perse	ns required homeless but were
	near Greenwood	ł.		0			** *****		prov last	ided shelt year, on	er by July 3	local c	ivic ther	orga	izati ing w	ns. :	t was remembered t m struck a seaside
Vilas County	1 1	ownobile	e destro	yed in	1		Lightning ire at Land O'Lakes		camp were	in Sussex damaged a	Count nd a t	y. At wo-seat	Rehob heli	oth a	irpor	three	light airplanes Large, sturdy
Lafayette County	8 12:30 a Lightning dama	ges Argy	O Le house	O and a	3 ppliano	O ces.	Lightning		mobi	les; glass	windo	ws in s	evera	ıl sto	res w	re blo	houses and auto- wn out. Older
Washington County	8 6:30 p Pilot report o	f fimnal	0	0	0	0	Funnel cloud		year	. Three	barns	were bl	bwn d	lown i	n the	Harrin	worst storms in gton-Farmington
Grant County	13 1:30 p	1 Iumei	0	0	h.	0	Wind		into	seas of m	nenio	collap	sed m	any t	ents.	in tur	ned camping areas
		emolished	i and dr				thunderstorm at	Sussex and Kent Counties	4	5:30 p 6:30 p.	•		0	0	4	0	Lightning
Polk County	1h 1:30 a	inery on	Berg fat	m at	l Rumaka	O W hos	Lightning med in lightning		Seve	ral fires,	cause	d by li	ghtni	ng st	rikes	occur	red during severe en State Forest
		ire almos	st simuli				farm in Laketown		wher	e a large	state-	maintai	hed 1	odge	was de	stroye	d and the sur- harness horse
Wampaca County	Ц, 12:30 р	1	0	0	4	0	Tornado		near	Harringto	n.	- Gamage	ļ	Billi	Ling K.		narness norse
-	Small tornado flipping over	dipped de	own brie			doors (	off factory,	Dewey Beach $(1\frac{1}{2}$ miles south)	l	1:20 p.			0		3	1	Wind
Marinette County	14 2:00 p	short	0	0	F	0	Tornado	•	six (	r seven c	ars on	Delawa	re Hi	ghway	14; 1	ortuna	which pinned down tely, no one was
	Small tornado home and uproc	dipped do	om brie	TLy in	McAll	ster	area damaging		inju down	ed. As t in domino	he fir -fashi	st pole on.	came	cras	hing	own, i	t dragged others
Waupaca County	17 5:00 p Severa thunder	storm de-	o stroved	0	4 nouse t		Wind , damaged several	New Castle County	15	9:00 p 11:00 p.			0	0	3	0	Wind, lightning
	farms and topp	led many	trees no	orth o	Iola	,	· and and an analysis		Thun	derstorm (	lamage	include	d do	med	rees	and ut	llity lines and
Washington County	17 8:00 p Reported by pi	lot.	٥	0	0	0	Funnel aloft	Kangas (sortions 3)	seve	ral houses	struc	k by li	ghtn:	ing.			
Pierce County	18 9:00 p			o	4		Tornado	Kansas (continued)									
	Small tornador buildings in E						several farm	orrelative conuch		night of 28-29			0	0	0	14	Heil
	18 9:30 p Reported by She	eriff	0	0	14	0	Funnel cloud aloft		Hail Fran	damage o	ccurre st of	d in sc St. Fra	atter ncis	ed ar South	eas fr ward t	om nor	th of St. county line.
	19 pm	الله الله	0	o	4	0	Wind	Hodgeman, Rice, Ellsworth, Rush	31	eve			0	0	į,	0	Wind, lightning
	Strong northern lines cause was	ve damage	to pier	e Lake	boats.	gan ar	d Green Bay shore	Counties	Wing	damage o	curre	north	and	east	of Lit		
	26 9:00 p Lightning fire	destrove	od barn o	0 m Jare	4 ckl f	0	Lightning		was	reported	about	south miles	east	of H	rdette olyroo	g. Tild	ver, at La htming damage
Pierce County	26 11 p		) o	0	3	0	Lightning	Marshall County	31	unknown		į	0	1	0	0	Lightning
	Six Holstein e	OMS ETTT	ea oy 11	Rucuru	s on pa	20 cuF <b>6</b>	at Spring Valley		A ma	n was inj	red a	Blue	apid	٠.			
St. Croix County	27 ll:00 a Lightning fire	destroy	o bern	0 on Hur	ų tgen f	O arm in	Lightning town of Emerald.										
Washington and Ozaukee Counties	27 11:50 a Brief touchdow	n in oper	00 0 n fields	O	0 Newbur	O g, Mo	Tornado. ved ENE-ward.										
Dane and Columbia	28 7:00 p		0	0	4	0	Wind, funnel aloft										
Counties See reference n				chuage	most1	y 111 <del>8</del>	astern Dane and	1	. !	ı	,	ļ	i	1	1	}	

JULY 1970

		CAL	РАТН	Ή	NO. PER			ATED† IAGE				CAL	РАТН	Ŧ		OF SONS	ESTIM. DAM		
PLACE	DATE	TIME - LC STANDARD	LENGTH OF (MILES)	WIDTH OF PA (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM	PLACE	DATE	TIME - LC STANDARD	LENGTH OF	WIDTH OF PA (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM

- Miles instead of yards.
  Storm damages are placed in categories varying from 1 to 9 as follows:
  1 Less than \$50
  2 \$50 to \$500
  3 \$500 to \$5,000
  4 \$5,000 to \$50,000
  5 \$50,000 to \$500,000
  6 \$500,000 to \$50,000,000
  7 \$5,000,000 to \$50,000,000
  8 \$50,000,000 to \$50,000,000
  9 \$500,000,000 to \$5,000,000,000
  9 \$500,000,000 to \$5,000,000,000

Note: This publication contains our best information on storms but, due to the difficulties inherent in collection of this type of data, it is not all-inclusive. Delayed data and corrections will be carried in the June and December issues of this publication.

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